Chrome File Edit View History Bookmarks Profiles Tab Window Help 100% Sun 6:01 PM
Goldemberg_NAAB_Poster.pd
carta.fiu.edu/architecture/wp-content/uploads/sites/3/2015/12/Goldemberg_NAAB_Poster.pdf
Incognito (3)
Goldemberg_NAAB_Poster.pdf 1 / 1 40%

1

Eric Goldemberg
Associate Professor

Goldemberg holds a Master of Science in Advanced Architectural Design from Columbia University. He started his practice in Argentina as part of Estudio STAFF, a firmed founded by Jorge Jose Goldemberg and Teresa Bielus de Goldemberg, specializing in social housing with over 20,000,000 s.f. of built work, all resulting from winning competitions. He also collaborated in Argentina with the practice of Clorindo Testa. Eric worked in New York for Peter Eisenman as senior designer for the City of Culture of Galicia, and he was also project architect for Asymptote Architecture – Hani Rashid and Lise Anne Couture.

Prior to joining FIU, Golcemberg taught studios, seminars and workshops at Pratt Institute, Columbia University, New York Institute of Technology, New Jersey Institute of Technology, University of Buenos Aires, and IAAC -Institute for Advanced Architecture cf Catalonia, Barcelona. He is currently the Digital Design Coordinator and teaches graduate studios and advanced digital design and fabrication courses at Florida International University.

Eric Goldemberg is the author of the book "Pulsation in Architecture" which highlights the range and complexity of sensations involved in constructing rhythmic ensembles. The book was presented with a symposium at Studio-X, Columbia University. He lectured about his design research at Cooper Union New York, Architectural Association London, Die Angewandte Kunst Wien in Cagliari, Politecnico di Milano, ETSAB Barcelona, Iaac Barcelona, MIT Boston, University of Puerto Rico, MOCA Miami, Wolfsonian Museum Miami, University of Miami, University o fBuenos Aires, Di Tella University Buenos Aires, Buenos Aires Central Society of Architects among other institutions. His firm MONAD Studio was co-founded in 2002 with Veronica Zalcberg.

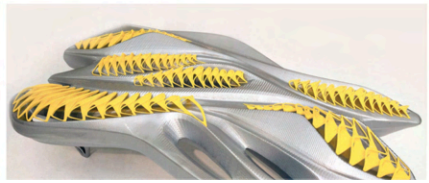
MONAD Studio is a design research practice with focus on spatial percepton related to rhythmic affect, exploring the urban dimension, from landscape to installations and buildings. The work of MONAD Studio has been published in The New York Times, Le Monde, Architectural Record, The Guardian, BBC Culture, Forbes Magazine, Gizmodo, CNBC, FOX News, Discovery Channel, World Architecture and CCTV (China) 'Architecture in Formation', '[En]Coding Architecture',

MULTI 2-string Piezoelectric Titanium Violin

This instrument forms part of 'MULTI', a sonic installation designed by MONAD Studio in collaboration with musician/luthier Scott F. HallThe project is a fully 3D printed art installation hosted by Meckler Media at the 3D Print Design Show Javits Convention Center, New York. It consists of a 5 meters x 2 meters framework that holds five music instruments: , 2-string piezoelectric violin, 1-string electric travel bass guitar, 1-string piezoelectric monoviolonicello, small didgeridoo, hornucopian (large didgeridoo)

SONIFICA Instrumenting the Body

This project is the result of a design collaboration between wearable fashion designer Anouk Wipprecht, bionic pop artist Viktoria Modesta and MONAD Studio | Eric Goldemberg + Veronica Zalcberg. Two performances in Art Basel 2016 incorporated a sonic bustier + tusks with intercative sound modulators, one prosthetic leg and a full ensemble of 3D-printed music instruments for live experimental presentations at New World Symphony and VICELAND (Wynwood).



Chrome File Edit View History Bookmarks Profiles Tab Window Help 100% Sun 6:01 PM
Goldemberg_NAAB_Poster.pd
carta.fiu.edu/architecture/wp-content/uploads/sites/3/2015/12/Goldemberg_NAAB_Poster.pdf
Incognito (3)
Goldemberg_NAAB_Poster.pdf 1 / 1 40%

1

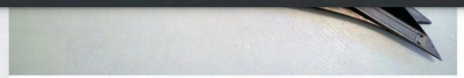
Goldemberg holds a Master of Science in Advanced Architectural Design from Columbia University. He started his practice in Argentina as part of Estudio STAFF, a firmed founded by Jorge Jose Goldemberg and Teresa Bielus de Goldemberg, specializing in social housing with over 20,000,000 s.f. of built work, all resulting from winning competitions. He also collaborated in Argentina with the practice of Clorindo Testa. Eric worked in New York for Peter Eisenman as senior designer for the City of Culture of Galicia, and he was also project architect for Asymptote Architecture – Hani Rashid and Lise Anne Couture.

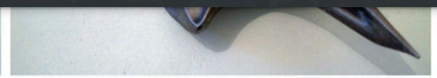
Prior to joining FIU, Golcemberg taught studios, seminars and workshops at Pratt Institute, Columbia University, New York Institute of Technology, New Jersey Institute of Technology, University of Buenos Aires, and IAAC -Institute for Advanced Architecture of Catalonia, Barcelona. He is currently the Digital Design Coordinator and teaches graduate studios and advanced digital design and fabrication courses at Florida International University.

Eric Goldemberg is the author of the book "Pulsation in Architecture" which highlights the range and complexity of sensations involved in constructing rhythmic ensembles. The book was presented with a symposium at Studio-X, Columbia University. He lectured about his design research at Cooper Union New York, Architectural Association London, Die Angewandte Kunst Wien in Cagliari, Politecnico di Milano, ETSAB Barcelona, Iaac Barcelona, MIT Boston, University of Puerto Rico, MOCA Miami, Wolfsonian Museum Miami, University of Miami, University o fBuenos Aires, Di Tella University Buenos Aires, Buenos Aires Central Society of Architects among other institutions. His firm MONAD Studio was co-founded in 2002 with Veronica Zalcberg.

MONAD Studio is a design research practice with focus on spatial percepton related to rhythmic affect, exploring the urban dimension, from landscape to installations and buildings. The work of MONAD Studio has been published in The New York Times, Le Monde, Architectural Record, The Guardian, BBC Culture, Forbes Magazine, Gizmodo, CNBC, FOX News, Discovery Channel, World Architecture and CCTV (China) 'Architecture in Formation', '[En]Coding Architecture', 'Architecture Xenoculture', Architecture in Formation, Conditions Magazine (Norway), I4Design (Chicago), Future Arquitecturas (Spain), Miami Herald, Florida InsideOut, Design Book Magazine, Summa+ (Argentina), La Nacion (Argentina), PP@PD (Penn School of Design), Evolo Magazine (L.A.) among other architecture journals. MONAD Studio was one of the 5 finalists of the 2008 PS1-MoMA competition and the project was exhibited at the Museum of Modern Art (MoMA) in New York. MONAD's entry was also exhibited in New York at the PS-1Contemporary Art Center – YAP 10th Anniversary show.

FIU Architecture
FLORIDA INTERNATIONAL UNIVERSITY



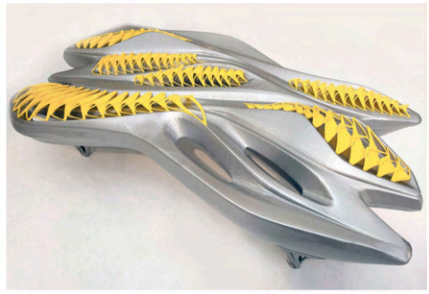


MULTI 2-string Piezoelectric Titanium Violin

This instrument forms part of 'MULTI', a sonic installation designed by MONAD Studio in collaboration with musician/uthier Scott F. HallThe project is a fully 3D printed art installation hosted by Meckler Media at the 3D Print Design Show Javits Convention Center, New York. It consists of a 5 meters x 2 meters framework that holds five music instruments: , 2-string piezoelectric violin, 1-string electric travel bass guitar, 1-string piezoelectric monoviolonceIlo, small didgeridoo, hornucopian (large didgeridoo)

SONIFICA Instrumenting the Body

This project is the result of a design collaboration between wearable fashion designer Anouk Wipprecht, bionic pop artist Viktoria Modesta and MONAD Studio | Eric Goldemberg + Veronica Zalcberg. Two performances in Art Basel 2016 incorporated a sonic bustier + tusks with intercative sound modulators, one prosthetic leg and a full ensemble of 3D-printed music instruments for live experimental presentations at New World Symphony and VICELAND (Wynwood).



STUCK TOGETHER PIECES

Exhibited at "3D Printshow" exhibition in New York at the Metropolitan Gallery, this 3D-printed installation explores conditions of rhythmicity and recursiveness as frictional tensions vested in a thick, pulsating topology at multiple scales. The project seeks to differentiate the upper and under hemispheres by inscribing micro-resonant progressions of fluctuating components within articulated cavities of the top membrane, mirroring the surface articulation for the bottom membrane and adapting the undercarriage to evolve lob-like legs with stiletto-supports that thrust the main body off-the ground. Designed by MONAD Studio | Eric Goldemberg + Veronica Zalcberg.

Eric Goldemberg
Associate Professor

Goldemberg holds a Master of Science in Advanced Architectural Design from Columbia University. He started his practice in Argentina as part of Estudio STAFF, a firmed founded by Jorge Jose Goldemberg and Teresa Bielus de Goldemberg, specializing in social housing with over 20,000,000 s.f. of built work, all resulting from winning competitions. He also collaborated in Argentina with the practice of Clorindo Testa. Eric worked in New York for Peter Eisenman as senior designer for the City of Culture of Galicia, and he was also project architect for Asymptote Architecture – Hani Rashid and Lise Anne Couture.

Prior to joining FIU, Goldemberg taught studios, seminars and workshops at Pratt Institute, Columbia University, New York Institute of Technology, New Jersey Institute of Technology, University of Buenos Aires, and IAAC -Institute for Advanced Architecture of Catalonia, Barcelona. He is currently the Digital Design Coordinator and teaches graduate studios and advanced digital design and fabrication courses at Florida International University.

Eric Goldemberg is the author of the book "Pulsation in Architecture" which highlights the range and complexity of sensations involved in constructing rhythmic ensembles. The book was presented with a symposium at Studio-X, Columbia University. He lectured about his design research at Cooper Union New York, Architectural Association London, Die Angewandte Kunst Wien in Cagliari, Politecnico di Milano, ETSAB Barcelona, Iaac Barcelona, MIT Boston, University of Puerto Rico, MOCA Miami, Wolfsonian Museum Miami, University of Miami, University o fBuenos Aires, Di Tella University Buenos Aires, Buenos Aires Central Society of Architects among other institutions. His firm MONAD Studio was co-founded in 2002 with Veronica Zalcberg.

MONAD Studio is a design research practice with focus on spatial perception related to rhythmic affect, exploring the urban dimension, from landscape to installations and buildings. The work of MONAD Studio has been published in The New York Times, Le Monde, Architectural Record, The Guardian, BBC Culture, Forbes Magazine, Gizmodo, CNBC, FOX News, Discovery Channel, World Architecture and CCTV (China) 'Architecture in Formation', '[En]Coding Architecture', 'Architecture Xenoculture', Architecture in Formation, Conditions Magazine (Norway), I4Design (Chicago), Future Arquitecturas (Spain), Miami Herald, Florida InsideOut, Design Book Magazine, Summa+ (Argentina), La Nacion (Argentina), PP@PD (Penn School of Design), Evolo Magazine (L.A.) among other architecture journals. MONAD Studio was one of the 5 finalists of the 2008 PS1-MoMA competition and the project was exhibited at the Museum of Modern Art (MoMA) in New York. MONAD's entry was also exhibited in New York at the PS-1Contemporary Art Center – YAP 10th Anniversary show.

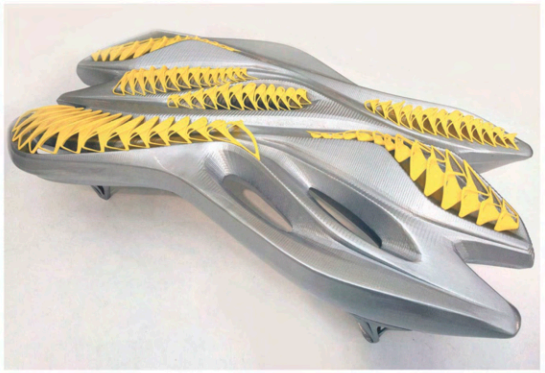
FIU | Architecture
Florida International University

MULTI 2-string Piezoelectric Titanium Violin

This instrument forms part of 'MULTI', a sonic installation designed by MONAD Studio in collaboration with musician/luthier Scott F. HallThe project is a fully 3D printed art installation hosted by Meckler Media at the 3D Print Design Show Javits Convention Center, New York. It consists of a 5 meters x 2 meters framework that holds five music instruments: , 2-string piezoelectric violin, 1-string electric travel bass guitar, 1-string piezoelectric monovioloncello, small didgeridoo, hornucopian (large didgeridoo)

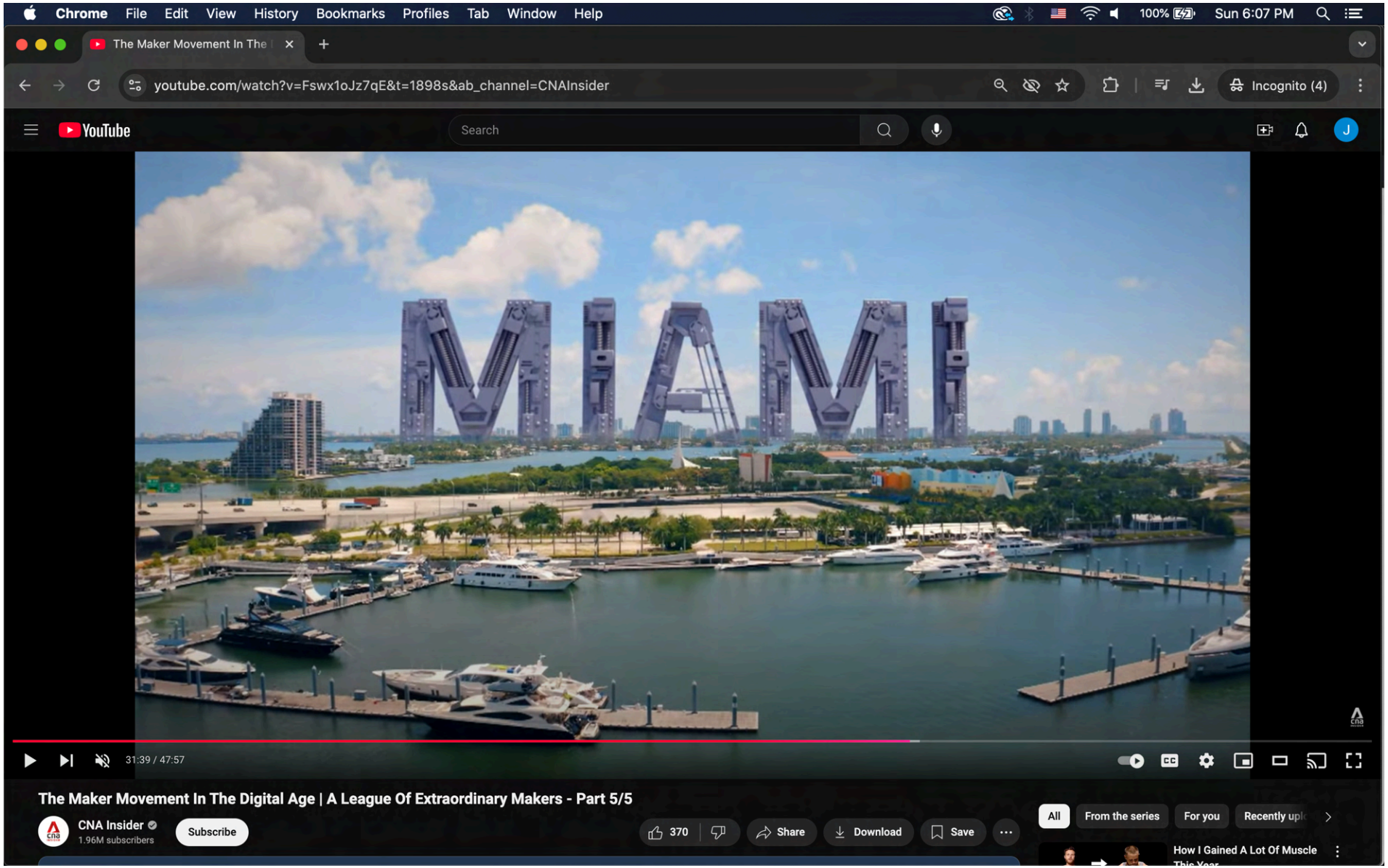
SONIFICA Instrumenting the Body

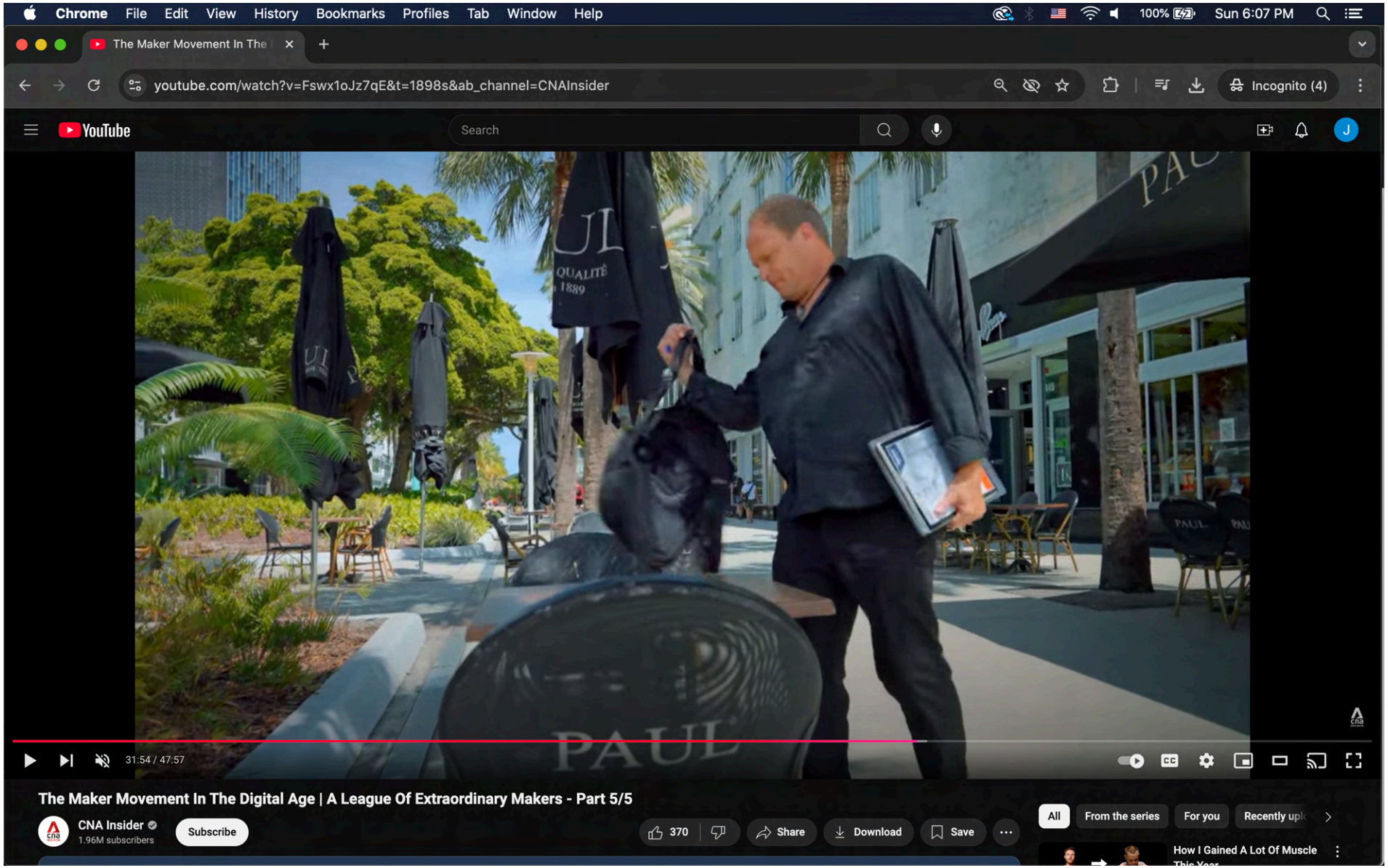
This project is the result of a design collaboration between wearable fashion designer Anouk Wipprecht, bionic pop artist Viktoria Modesta and MONAD Studio | Eric Goldemberg + Veronica Zalcberg. Two performances in Art Basel 2016 incorporated a sonic bustier + tusks with intercative sound modulators, one prosthetic leg and a full ensemble of 3D-printed music instruments for live experimental presentations at New World Symphony and VICELAND (Wynwood).

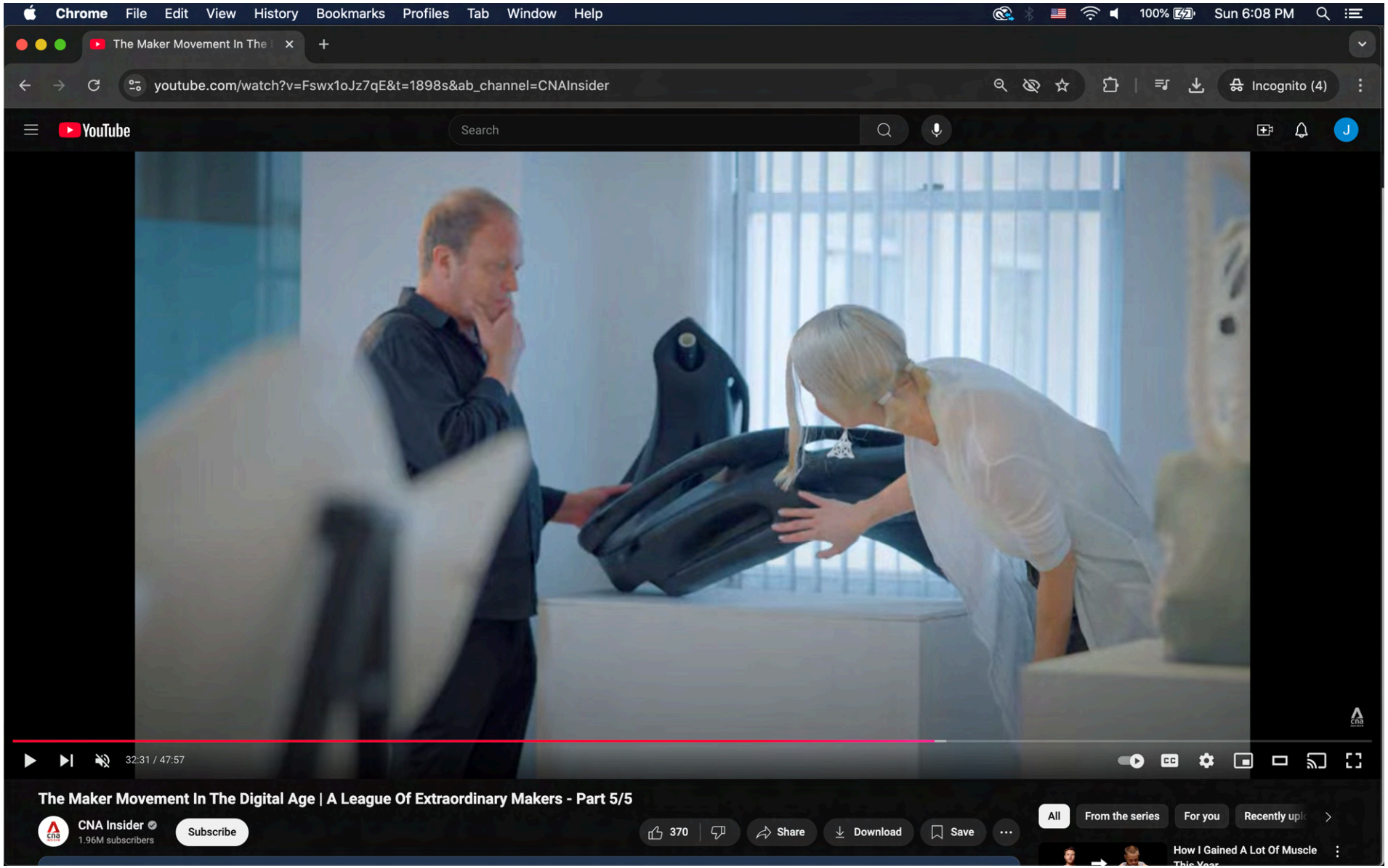


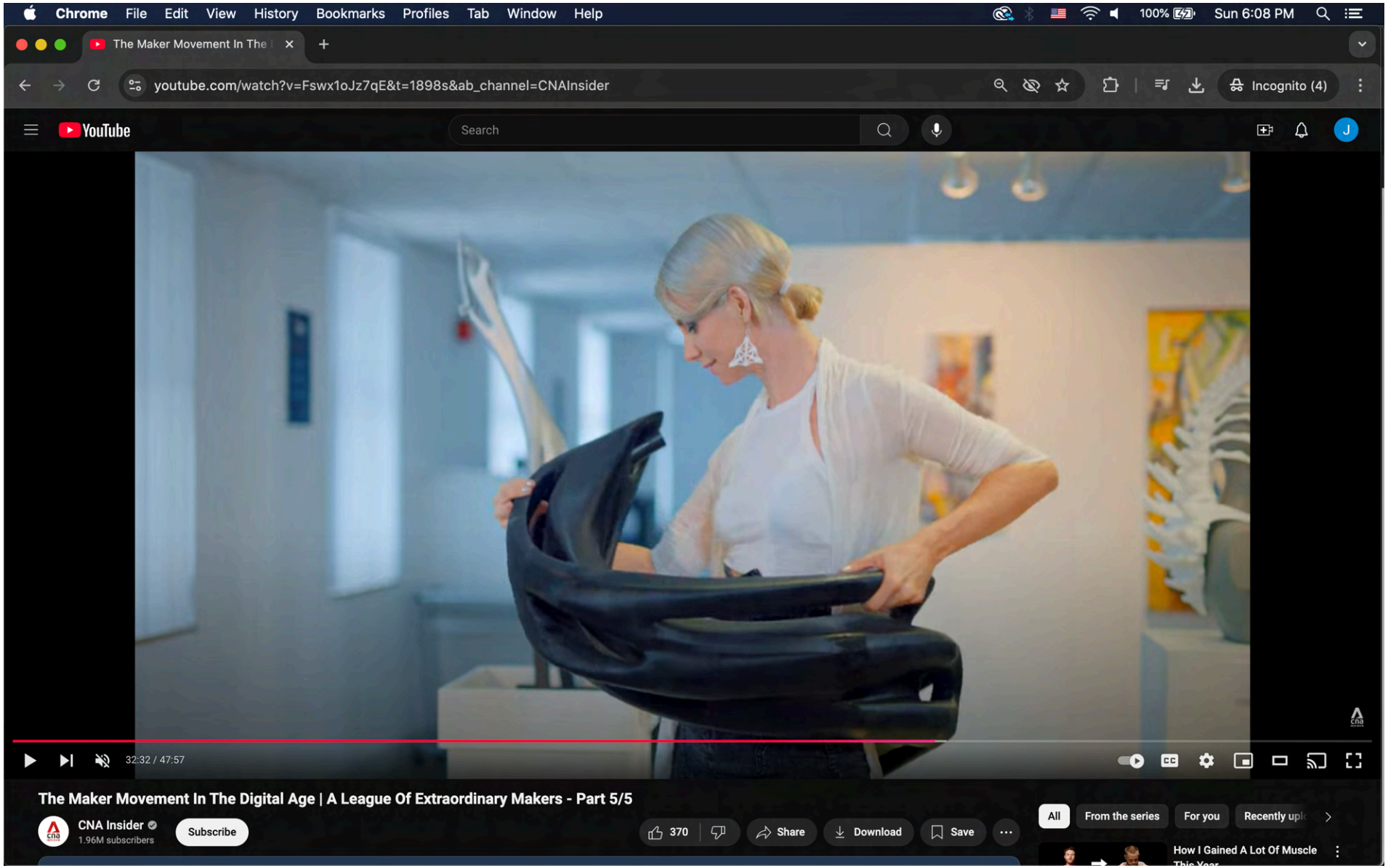
STUCK TOGETHER PIECES

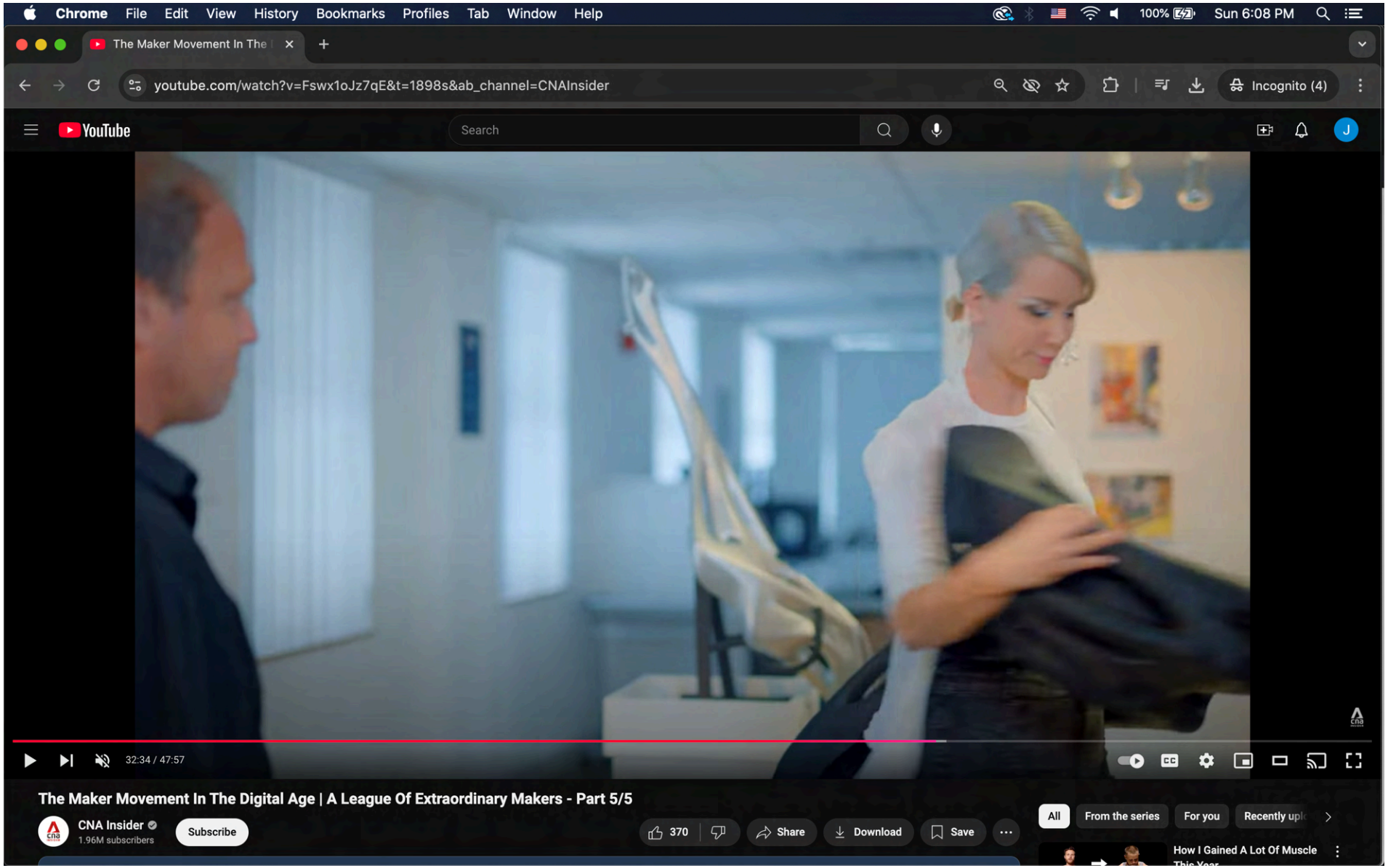
Exhibited at "3D Printshow" exhibition in New York at the Metropolitan Gallery, this 3D-printed installation explores conditions of rhythmicity and recursiveness as frictional tensions vested in a thick, pulsating topology at multiple scales. The project seeks to differentiate the upper and under hemispheres by inscribing micro-resonant progressions of fluctuating components within articulated cavities of the top membrane, mirroring the surface articulation for the bottom membrane and adapting the undercarriage to evolve lob-like legs with stiletto-supports that thrust the main body off-the ground. Designed by MONAD Studio | Eric Goldemberg + Veronica Zalcberg.

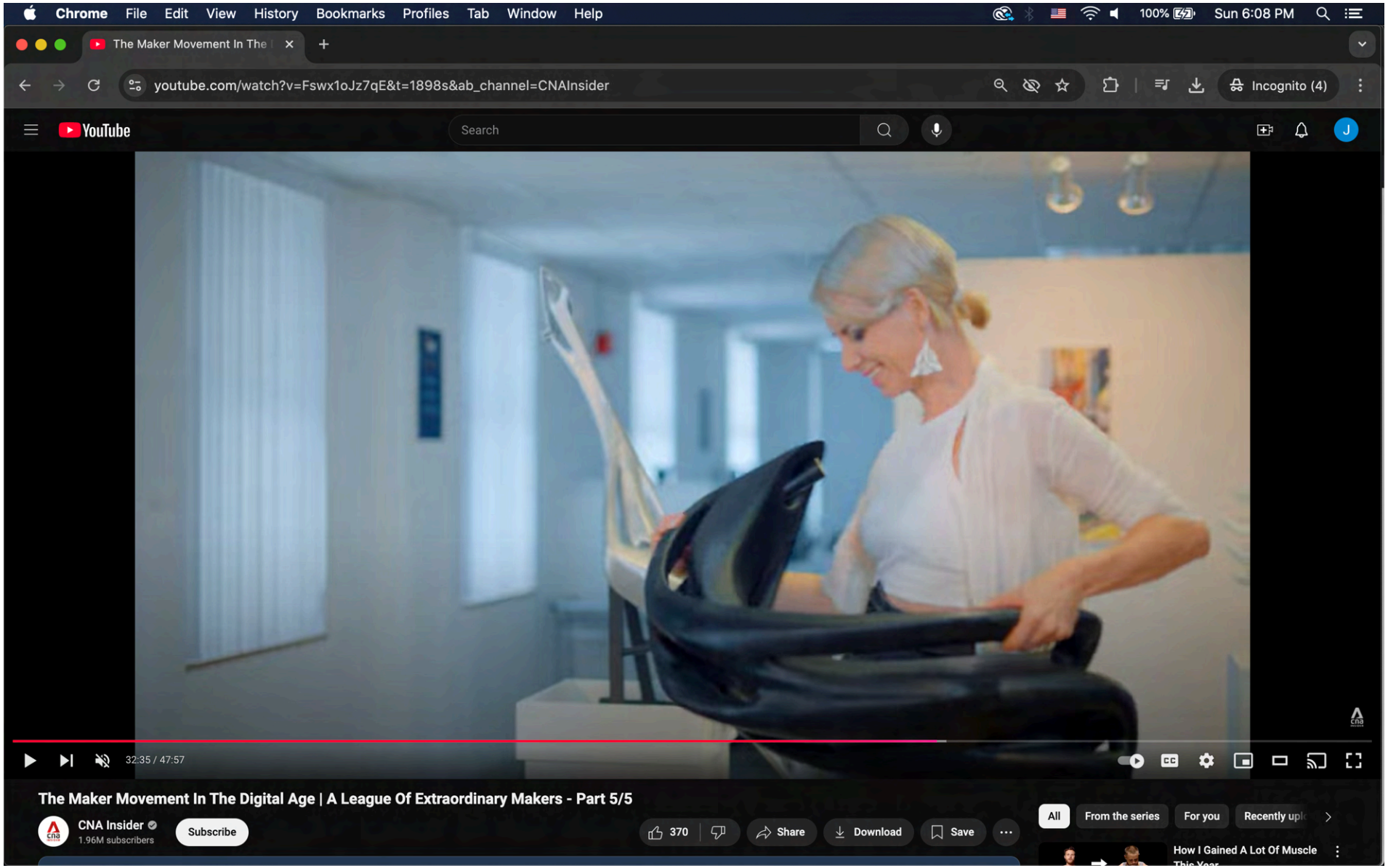

Chrome File Edit View History Bookmarks Profiles Tab Window Help
100% Sun 6:07 PM
The Maker Movement In The
youtube.com/watch?v=Fswx1oJz7qE&t=1898s&ab_channel=CNAInsider
Incognito (4)
YouTube
Search
MIAMI
31:39 / 47:57
The Maker Movement In The Digital Age | A League Of Extraordinary Makers - Part 5/5
CNA Insider
1.96M subscribers
Subscribe
370
Share
Download
Save
All
From the series
For you
How I Gained A Lot Of Muscle

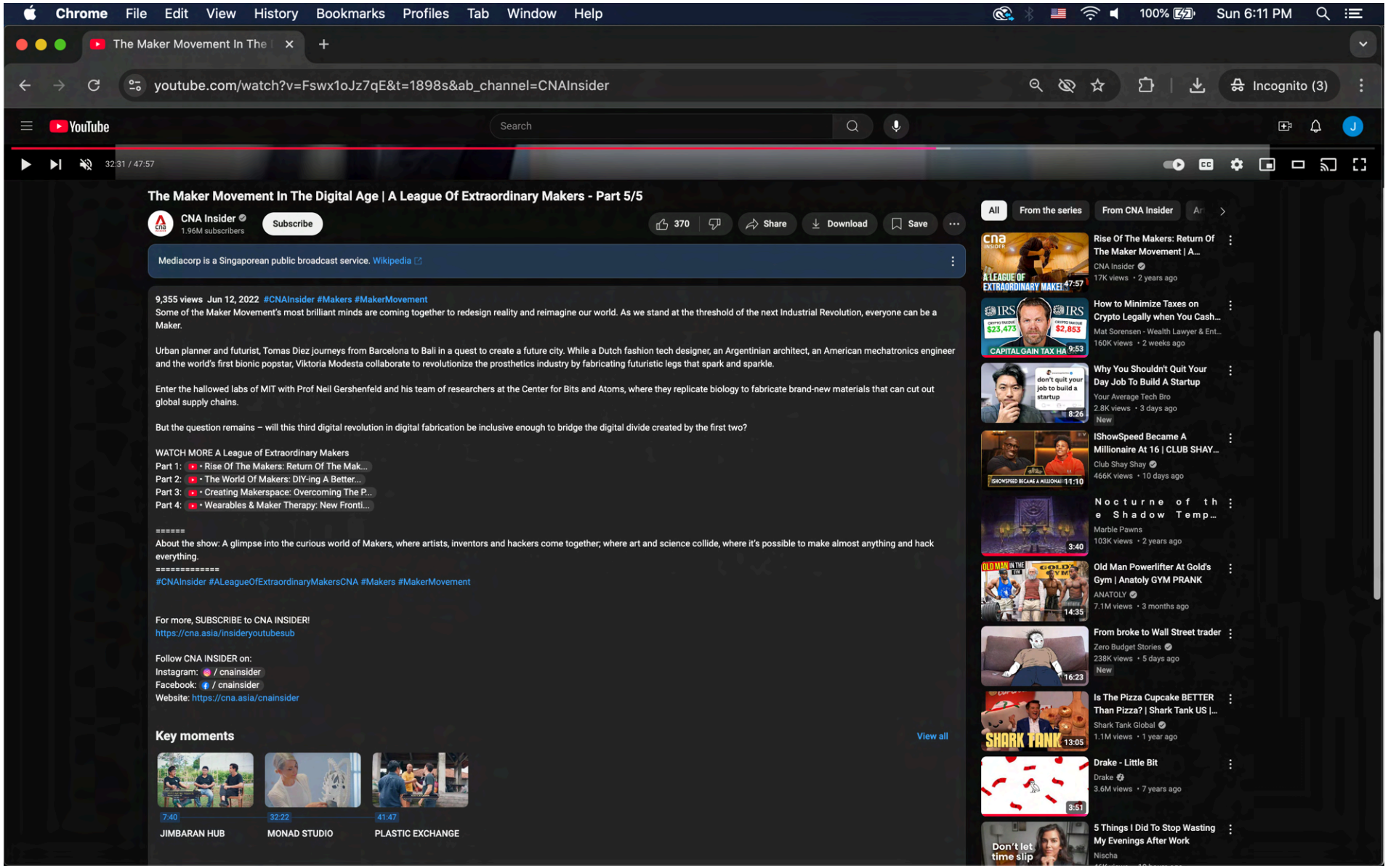

Chrome File Edit View History Bookmarks Profiles Tab Window Help
100% Sun 6:07 PM
The Maker Movement In The
youtube.com/watch?v=Fswx1oJz7qE&t=1898s&ab_channel=CNAInsider
Incognito (4)
YouTube
Search
QUALITÉ 1889
PAUL
31:54 / 47:57
The Maker Movement In The Digital Age | A League Of Extraordinary Makers - Part 5/5
CNA Insider
1.96M subscribers
Subscribe
370
Share
Download
Save
All
From the series
For you
How I Gained A Lot Of Muscle


Chrome File Edit View History Bookmarks Profiles Tab Window Help
100% Sun 6:08 PM
The Maker Movement In The
youtube.com/watch?v=Fswx1oJz7qE&t=1898s&ab_channel=CNAInsider
Incognito (4)
YouTube
Search
J
32:31 / 47:57
The Maker Movement In The Digital Age | A League Of Extraordinary Makers - Part 5/5
CNA Insider
1.96M subscribers
Subscribe
370
Share
Download
Save
All
From the series
For you
How I Gained A Lot Of Muscle

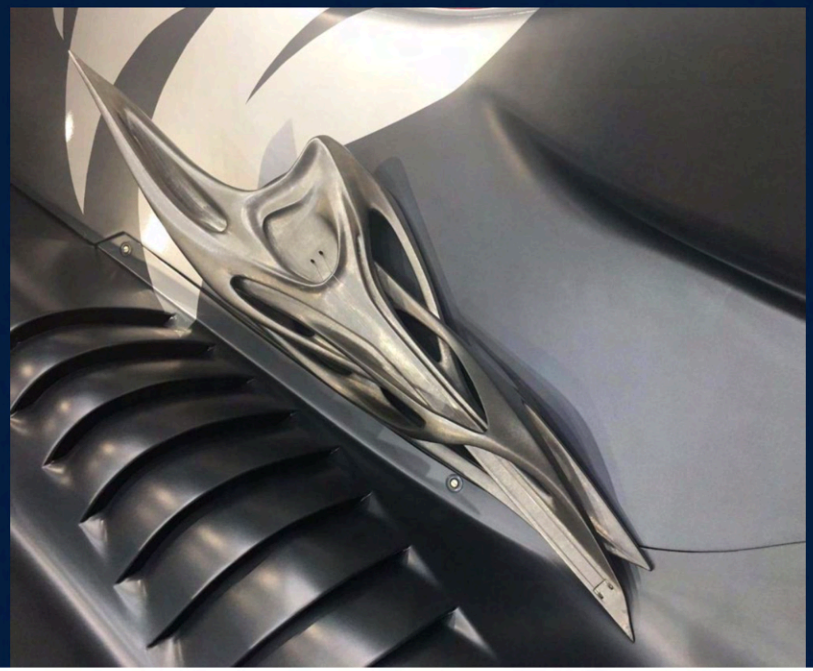

Chrome File Edit View History Bookmarks Profiles Tab Window Help
100% Sun 6:08 PM
The Maker Movement In The
youtube.com/watch?v=Fswx1oJz7qE&t=1898s&ab_channel=CNAInsider
Incognito (4)
YouTube
Search
32:32 / 47:57
The Maker Movement In The Digital Age | A League Of Extraordinary Makers - Part 5/5
CNA Insider
1.96M subscribers
Subscribe
370
Share
Download
Save
All
From the series
For you
How I Gained A Lot Of Muscle


Chrome File Edit View History Bookmarks Profiles Tab Window Help
100% Sun 6:08 PM
The Maker Movement In The
youtube.com/watch?v=Fswx1oJz7qE&t=1898s&ab_channel=CNAInsider
Incognito (4)
YouTube
Search
32:34 / 47:57
The Maker Movement In The Digital Age | A League Of Extraordinary Makers - Part 5/5
CNA Insider
1.96M subscribers
Subscribe
370
Share
Download
Save
All
From the series
For you
How I Gained A Lot Of Muscle


Chrome File Edit View History Bookmarks Profiles Tab Window Help
100% Sun 6:08 PM
The Maker Movement In The
youtube.com/watch?v=Fswx1oJz7qE&t=1898s&ab_channel=CNAInsider
Incognito (4)
YouTube
Search
32:35 / 47:57
The Maker Movement In The Digital Age | A League Of Extraordinary Makers - Part 5/5
CNA Insider
1.96M subscribers
Subscribe
370
Share
Download
Save
All
From the series
For you
How I Gained A Lot Of Muscle


Chrome File Edit View History Bookmarks Profiles Tab Window Help
100% Sun 6:11 PM
The Maker Movement In The
youtube.com/watch?v=Fswx1oJz7qE&t=1898s&ab_channel=CNAInsider
Incognito (3)
YouTube
Search
32:31 / 47:57
The Maker Movement In The Digital Age | A League Of Extraordinary Makers - Part 5/5
CNA Insider
1.96M subscribers
Subscribe
370
Share
Download
Save
Mediacorp is a Singaporean public broadcast service. Wikipedia
9,355 views Jun 12, 2022 #CNAInsider #Makers #MakerMovement
Some of the Maker Movement's most brilliant minds are coming together to redesign reality and reimagine our world. As we stand at the threshold of the next Industrial Revolution, everyone can be a Maker.
Urban planner and futurist, Tomas Diez journeys from Barcelona to Bali in a quest to create a future city. While a Dutch fashion tech designer, an Argentinian architect, an American mechatronics engineer and the world's first bionic popstar, Viktoria Modesta collaborate to revolutionize the prosthetics industry by fabricating futuristic legs that spark and sparkle.
Enter the hallowed labs of MIT with Prof Neil Gershenfeld and his team of researchers at the Center for Bits and Atoms, where they replicate biology to fabricate brand-new materials that can cut out global supply chains.
But the question remains – will this third digital revolution in digital fabrication be inclusive enough to bridge the digital divide created by the first two?
WATCH MORE A League of Extraordinary Makers
Part 1: • Rise Of The Makers: Return Of The Mak...
Part 2: • The World Of Makers: DIY-ing A Better...
Part 3: • Creating Makerspace: Overcoming The P...
Part 4: • Wearables & Maker Therapy: New Fronti...
======
About the show: A glimpse into the curious world of Makers, where artists, inventors and hackers come together; where art and science collide, where it's possible to make almost anything and hack everything.
==========
#CNAInsider #ALeagueOfExtraordinaryMakersCNA #Makers #MakerMovement
For more, SUBSCRIBE to CNA INSIDER!
https://cna.asia/insideryoutubesub
Follow CNA INSIDER on:
Instagram: / cnainsider
Facebook: / cnainsider
Website: https://cna.asia/cnainsider
Key moments
View all
7:40 JIMBARAN HUB
32:22 MONAD STUDIO
41:47 PLASTIC EXCHANGE
All
From the series
From CNA Insider
Rise Of The Makers: Return Of The Maker Movement | A...
CNA Insider
17K views • 2 years ago
47:57
How to Minimize Taxes on Crypto Legally when You Cash...
Mat Sorensen - Wealth Lawyer & Ent...
160K views • 2 weeks ago
9:53
Why You Shouldn't Quit Your Day Job To Build A Startup
Your Average Tech Bro
2.8K views • 3 days ago
New
8:26
IShowSpeed Became A Millionaire At 16 | CLUB SHAY...
Club Shay Shay
466K views • 10 days ago
11:10
Nocturne of the Shadow Temp...
Marble Pawns
103K views • 2 years ago
3:40
Old Man Powerlifter At Gold's Gym | Anatoly GYM PRANK
ANATOLY
7.1M views • 3 months ago
14:35
From broke to Wall Street trader
Zero Budget Stories
238K views • 5 days ago
New
16:23
Is The Pizza Cupcake BETTER Than Pizza? | Shark Tank US |...
Shark Tank Global
1.1M views • 1 year ago
13:05
Drake - Little Bit
Drake
3.6M views • 7 years ago
3:51
5 Things I Did To Stop Wasting My Evenings After Work
Nischa

Chrome File Edit View History Bookmarks Profiles Tab Window Help 100% Sun 5:36 PM
Collaboration with Viktoria M
cartanews.fiu.edu/architecture/collaboration-with-viktoria-modesta-revolutionizes-the-future-for-instruments-and-prosthetics-design/
Incognito (3)



Collaboration with Viktoria Modesta Revolutionizes the Future for Instruments and Prosthetics Design

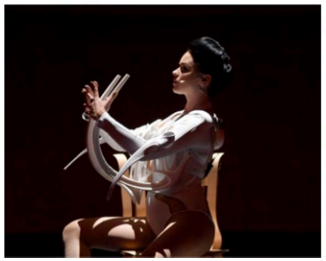
News Story by Andrea Perez | **Published on December 15, 2016**

Department of Architecture

Facebook Twitter LinkedIn Email

Florida International University's Prof. Eric Goldemberg, alongside Veronica Zalcberg from **MONAD Studio** teamed up with **Anouk Wipprecht** to design 3D printed instruments and interactive sonic body enhancements for UK based, bionic pop artist, **Viktoria Modesta**.

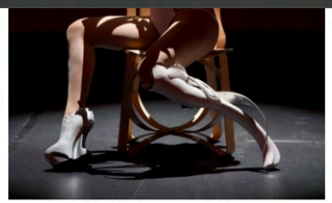
The collaborative effort consisted of the incorporation of different disciplines that include architecture, design and art to create a new form of artistic expression. The result being a transdisciplinary endeavor that pushes the boundaries of design, fashion, engineering and technology to break the preconceived notion that one must always practice their own discipline.



Goldemberg, Zalcberg and Wipprecht put forth their best attributes to begin a study that focused on the natural world and the different methodologies that govern our bodily movements, structure and environment. They used everything from simple sketches to 3D printed elements a create titanium instruments and a prosthetic leg and sonic bustier for Viktoria, equipped with sensors and actuators that allow her to modulate the sound during her live performances.

This revolutionary project has attracted attention from new outlets including BBC News, Forbes Life, Discovery Channel News, MSNBC and other media publications. Extended invitations have allowed

Chrome File Edit View History Bookmarks Profiles Tab Window Help 100% Sun 5:36 PM
Collaboration with Viktoria M
cartanews.fiu.edu/architecture/collaboration-with-viktoria-modesta-revolutionizes-the-future-for-instruments-and-prosthetics-design/
Incognito (3)



This revolutionary project has attracted attention from new outlets including BBC News, Forbes Life, Discovery Channel News, MSNBC and other media publications. Extended invitations have allowed MONAD Studio and Viktoria to showcase and present their work for the **Young Artists Initiative** party at the Moore Building in the Miami Design District in October. As well, two Art Basel performances last week at the New World Symphony in Miami Beach and the VICE Miami Headquarters.

Most recently, Goldemberg was invited to present his highly acclaimed experimental work with 3D printed instruments at the AA Visiting School Global Summit 2016 in Bedford Square, London. He presented his lecture titled, 'Hollow-body Architecture: Instrumenting the Body'. The lecture was followed a live performance by Scott F. Hall, a soundscape playing the 3D-printed titanium violin.

MONAD Studio and Wipprecht, together have been able to create architectural and fashion design hybrid projects that transcend human limitations and the music industry; fabricating innovative objects that are both aesthetic and functional, paving the future for designers and manufacturing.

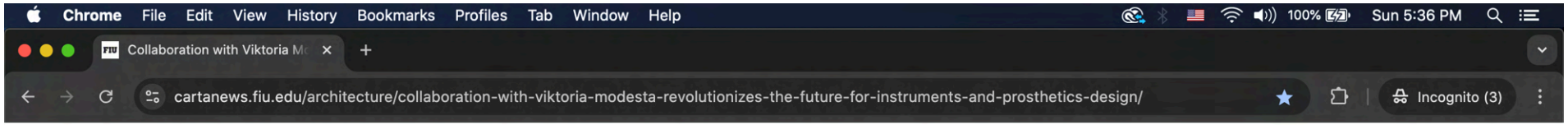
To read more about Professor Goldemberg studio's project please visit his **MONAD Studio** page.

Follow the Department of Architecture on Facebook, Twitter and Instagram.

3d printing, architecture, design, faculty, fashion, instruments, music

PREVIOUS STORY
FIU Architecture Professor and MBUS Researcher, Nick Gel…

NEXT STORY
David Rifkind helps Curate, Visionary Metropolis: Tony Garn…


Chrome File Edit View History Bookmarks Profiles Tab Window Help
100% Sun 5:36 PM
Collaboration with Viktoria M
cartanews.fiu.edu/architecture/collaboration-with-viktoria-modesta-revolutionizes-the-future-for-instruments-and-prosthetics-design/
Incognito (3)

CARTA News

News Story Requests
Website Requests

College of Communication, Architecture + The Arts

Paul L. Cejas School of Architecture Building
11200 SW 8th Street
Miami, Florida 33199
Modesto A. Maidique Campus

Connect

Contact
CARTA News

Explore FIU

About FIU
Admissions
Academics
Locations
Research
Student Life
Athletics
Alumni and Giving
Careers at FIU

Tools & Resources

Phonebook (Directory)
University Calendar
Campus Maps
MyFIU
Canvas
Student Email
Faculty/Staff Email
System Status
Reserve Space
Nondiscrimination and Title IX
Report Discrimination or Harassment

FIU | FLORIDA INTERNATIONAL UNIVERSITY

Connect

Contact FIU
FIU News

© 2024 - Florida International University. Website by CARTA's Creative Team | Website Feedback.

Chrome File Edit View History Bookmarks Profiles Tab Window Help 100% Sun 5:40 PM

Eric Goldemberg, Was Featur

cartanews.fiu.edu/architecture/eric-goldemberg-was-featured-on-architectural-digests-8-of-the-most-ingenious-3-d-printed-objects-to-date/

Incognito (3)

FIU FLORIDA INTERNATIONAL UNIVERSITY

SEARCH

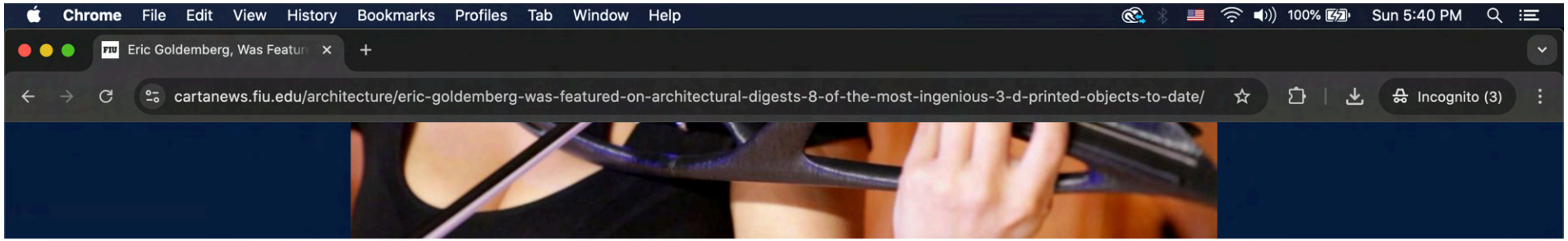
College of Communication, Architecture + The Arts

CARTA News

Architecture Interior Landscape Art + Art History Communication Journalism + Media Music Theatre More

CARTA News » Department of Architecture »

Eric Goldemberg, Was Featured on Architectural


Chrome File Edit View History Bookmarks Profiles Tab Window Help
100% Sun 5:40 PM
Eric Goldemberg, Was Featur
cartanews.fiu.edu/architecture/eric-goldemberg-was-featured-on-architectural-digests-8-of-the-most-ingenious-3-d-printed-objects-to-date/
Incognito (3)

Eric Goldemberg, Was Featured on Architectural Digest's '8 of the Most Ingenious 3-D–Printed Objects to Date'

News Story by Andrea Perez | **Published on January 14, 2017**

Department of Architecture

Facebook Twitter LinkedIn Email

A technology that began in 1984, 3D printing has revolutionized the future of many industries including architecture, manufacturing and health care. With many recent advances and even recognition from the U.S. President, Barack Obama, 3D printing has become one of the most significant sources of technology in today's modern world.

Architectural Digest took account of its importance and rounded up the 8 most ingenious 3D printed objects to date. Amongst the objects selected by the International Design Authority & magazine was a project set forth by our very own, Associate Professor of Architecture, Eric Goldemberg and his studio.

Goldemberg's and Veronica Zalcberg's (MONAD Studio) 3D printed, Piezoelectric Violin was chosen as one of the most innovative and

Chrome File Edit View History Bookmarks Profiles Tab Window Help 100% Sun 5:40 PM
Eric Goldemberg, Was Featur
cartanews.fiu.edu/architecture/eric-goldemberg-was-featured-on-architectural-digests-8-of-the-most-ingenious-3-d-printed-objects-to-date/
Incognito (3)

Architectural Digest took account of its importance and rounded up the 8 most ingenious 3D printed objects to date. Amongst the objects selected by the International Design Authority & magazine was a project set forth by our very own, Associate Professor of Architecture, Eric Goldemberg and his studio.

Goldemberg's and Veronica Zalcberg's (MONAD Studio) 3D printed, Piezoelectric Violin was chosen as one of the most innovative and functional objects that combines music and technology. This highly acclaimed new music instrument was developed by MONAD Studio in collaboration with musician-luthier Scott F. Hall.

Below is the excerpt from the publication, written by Adam Peterson on December 20, 2016:

> With its flexibility, speed, and ever-lowering cost, 3-D printing is the future of manufacturing. Ironically, though, the versatility of the technology itself can be a problem: When you have the ability to create essentially anything, taking full advantage of that potential is a bit daunting. But as more and more artists and designers embrace the tecnology, the results can be truly stunning. Architectural Digest explores some remarkable examples of 3-D printing, where even the most mundane item is reimagined as a functional piece of art.
>
> Monad Studio Two-String Piezoelectric Violin
> Blurring the line between art and tech, Miami-based design firm Monad Studio conceived this sleek, futuristic 3-D–printed two-string violin in collaboration with artist-musician Scott F. Hall as part of a series for a sonic art installation. Despite its decidedly sculptural alien aesthetic, the instrument is, at its core, still a violin, though it eschews the traditional four strings for two, relying largely on the piezoelectric effect to create its beautiful sound. To read the full article please **click here**.

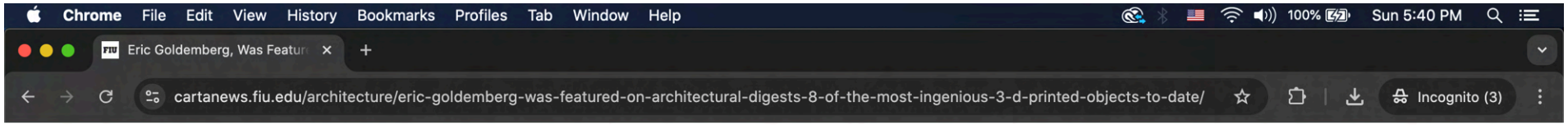
To view more information about MONAD Studio, **click here.** | Featured photo provided by: MONAD Studio

Follow FIU Architecture on **Facebook**, **Twitter**, and **Instagram**.

3d printing, design, eric goldemberg, faculty, fiuarchitecture, technology

PREVIOUS STORY
Fall 2016 Master Project Thesis Students Visited Chicago wi…

NEXT STORY
FIU CARTA Introduces a New Masters Track in Interdisciplin…


Chrome File Edit View History Bookmarks Profiles Tab Window Help
100% Sun 5:40 PM
Eric Goldemberg, Was Featur
cartanews.fiu.edu/architecture/eric-goldemberg-was-featured-on-architectural-digests-8-of-the-most-ingenious-3-d-printed-objects-to-date/
Incognito (3)

CARTA News

News Story Requests
Website Requests

College of Communication, Architecture + The Arts

Paul L. Cejas School of Architecture Building
11200 SW 8th Street
Miami, Florida 33199
Modesto A. Maidique Campus

Connect

Contact
CARTA News

Explore FIU

About FIU
Admissions
Academics
Locations
Research
Student Life
Athletics
Alumni and Giving
Careers at FIU

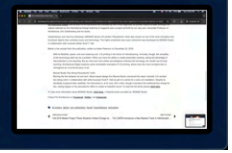
Tools & Resources

Phonebook (Directory)
University Calendar
Campus Maps
MyFIU
Canvas
Student Email
Faculty/Staff Email
System Status
Reserve Space
Nondiscrimination and Title IX
Report Discrimination or Harassment

FIU | FLORIDA INTERNATIONAL UNIVERSITY

Connect

Contact FIU
FIU News



© 2024 - Florida International University. Website by CARTA's Creative Team | Website Feedback.

Chrome File Edit View History Bookmarks Profiles Tab Window Help 100% Sun 5:41 PM

Eric Goldemberg Interviewed

cartanews.fiu.edu/architecture/eric-goldemberg-interviewed-on-chinas-cctv-for-3d-printed-instruments/

Incognito (3)

FIU FLORIDA INTERNATIONAL UNIVERSITY

SEARCH

College of Communication, Architecture + The Arts

CARTA News

Architecture Interior Landscape Art + Art History Communication Journalism + Media Music Theatre More

Eric Goldemberg Interviewed on China's CCTV for 3D Printed Instruments

Eric Goldemberg Interviewed on China's CCTV for 3D Printed Instruments

News Story by Juan Brizuela | **Published on June 15, 2015**

Department of Architecture

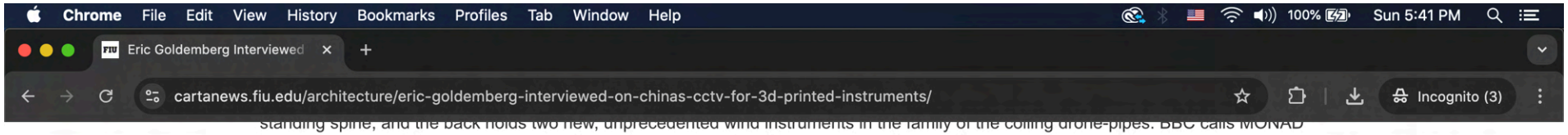
Facebook Twitter LinkedIn Email

Associate Professor Eric Goldemberg was interviewed by national Chinese news outlet CCTV, as a result of his and MONAD Studio partner Veronica Zalcberg's participation in the the World 3D Printing Technology Industry Conference in Chengdu, China.

Watch the Video Here

In the broadcast, Goldemberg discussed the 3D-printed musical instruments MONAD Studio has designed and printed. The musical project includes five different instruments, all 3D-printed and mounted onto a "wall of sound" triptych made of CNC-milled, high-density foam panels that serve as an instrument rack, bandshell, and sonic device. A violin, cello, and guitar occupy the front of this free-standing spine, and the back holds two new, unprecedented wind instruments in the family of the coiling drone-pipes. BBC calls MONAD Studio's piezoelectric violin "one of the most radical musical instruments ever created." Discovery News says that the violin "looks like the future of music." The musical project has been presented at the 3D Print Design Show in New York and across the globe in various cities including Tokyo, Moscow, and St. Petersburg.

MONAD Studio has integrated architecture and music with the collaboration of seven FIU Architecture students, through a course taught by Goldemberg. This has been a new interdisciplinary project with musician and luthier Scott F. Hall to create a sonic installation with musical performances, some of which occurred at the Javits Convention Center (designed by I.M.Pei) from April 16th-17th. The


Chrome File Edit View History Bookmarks Profiles Tab Window Help
100% Sun 5:41 PM
Eric Goldemberg Interviewed
cartanews.fiu.edu/architecture/eric-goldemberg-interviewed-on-chinas-cctv-for-3d-printed-instruments/
Incognito (3)

standing spine, and the back holds two new, unprecedented wind instruments in the family of the coiling drone-pipes. BBC calls MONAD Studio's piezoelectric violin "one of the most radical musical instruments ever created." Discovery News says that the violin "looks like the future of music." The musical project has been presented at the 3D Print Design Show in New York and across the globe in various cities including Tokyo, Moscow, and St. Petersburg.

MONAD Studio has integrated architecture and music with the collaboration of seven FIU Architecture students, through a course taught by Goldemberg. This has been a new interdisciplinary project with musician and luthier Scott F. Hall to create a sonic installation with musical performances, some of which occurred at the Javits Convention Center (designed by I.M.Pei) from April 16th-17th. The architecture and music integration project is part of Goldemberg's research for his upcoming book *FEEDBACK: Architecture + Music,* under contract with eVolo and distribution by ACTAR.

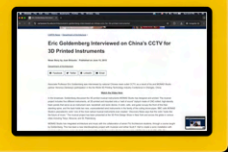
The students who particpated in the project exhibited at 3D Print Design Show were: Hex Ceballos, Stephanie Colon, Albert Elias, Jack Garcia, Stephany Guinan, Manuel Perez-Trujillo, and Zoe Russian.

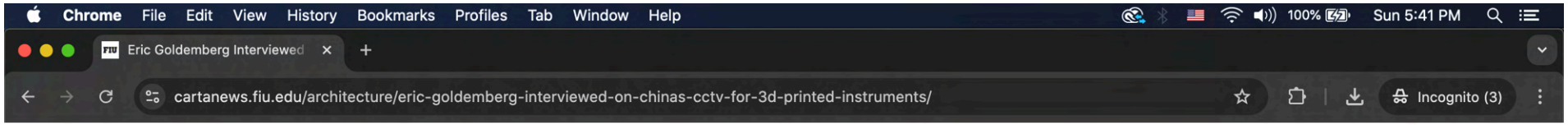
Follow FIU Architecture on **Facebook**, **Twitter**, and **Instagram**.

faculty

PREVIOUS STORY
Launch of Inspicio | A New Arts Publication Platform

NEXT STORY
Thomas Spiegelhalter Launches Book in Japan with Studen…




Chrome File Edit View History Bookmarks Profiles Tab Window Help
100% Sun 5:41 PM
Eric Goldemberg Interviewed
cartanews.fiu.edu/architecture/eric-goldemberg-interviewed-on-chinas-cctv-for-3d-printed-instruments/
Incognito (3)

CARTA News

News Story Requests
Website Requests

College of Communication, Architecture + The Arts

Paul L. Cejas School of Architecture Building
11200 SW 8th Street
Miami, Florida 33199
Modesto A. Maidique Campus

Connect

Contact
CARTA News

Explore FIU

About FIU
Admissions
Academics
Locations
Research
Student Life
Athletics
Alumni and Giving
Careers at FIU

Tools & Resources

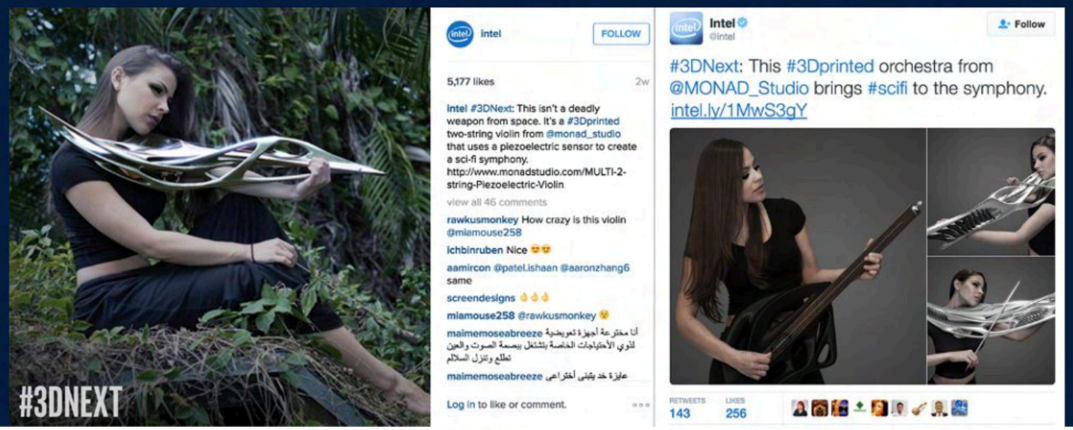
Phonebook (Directory)
University Calendar
Campus Maps
MyFIU
Canvas
Student Email
Faculty/Staff Email
System Status
Reserve Space
Nondiscrimination and Title IX
Report Discrimination or Harassment

FIU | FLORIDA INTERNATIONAL UNIVERSITY

Connect

Contact FIU
FIU News

© 2024 - Florida International University. Website by CARTA's Creative Team | Website Feedback.



Tech Giant Intel Features Eric Goldemberg's 3D-printed Musical Instruments project

News Story by Juan Brizuela | **Published on April 13, 2016**

Chrome File Edit View History Bookmarks Profiles Tab Window Help 100% Sun 5:42 PM
Tech Giant Intel Features Eric
cartanews.fiu.edu/architecture/tech-giant-intel-features-eric-goldembergs-3d-printed-musical-instruments-project/
Incognito (3)

Tech Giant Intel Features Eric Goldemberg's 3D-printed Musical Instruments project

News Story by Juan Brizuela | **Published on April 13, 2016**

Department of Architecture

Facebook Twitter LinkedIn Email

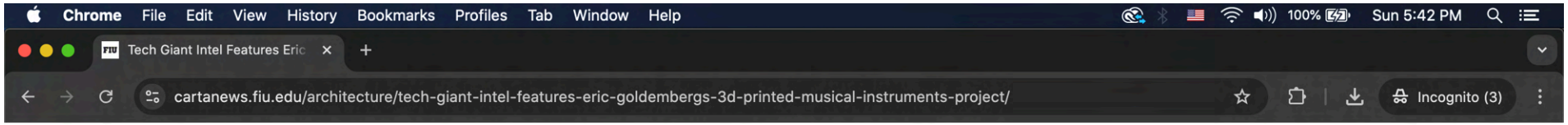
Associate Professor Eric Goldemberg and MONAD Studio partner Veronica Zalcberg have been featured on **Intel**'s social media for **the firm's work in 3D-printed musical instruments**.

Intel featured the 3D-printed two-string piezoelectric violin **on its Instagram feed**. The post has received more than 5,000 likes and more than 40 comments by viewers. The company also featured the 3D-printed travel bass guitar **on its Twitter feed**, which garnered the global retweet by Intel France, Intel Spain, Intel Suisse, Intel Kenya and others.

MONAD Studio is integrating architecture and music with the collaboration of FIU Architecture students. This is an interdisciplinary project with musician-luthier Scott F. Hall to create sonic installations that incorporate 3D printed music instruments, and it is part of Professor Goldemberg's research project for his upcoming book *FEEDBACK: Architecture + Music,* under contract with eVolo and distribution by ACTAR.
Follow FIU Architecture on **Facebook**, **Twitter**, and **Instagram**.

PREVIOUS STORY
David Rifkind Elected to Board of the Society of Architectura…

NEXT STORY
Architect Artist Anthony Titus Exhibits '/Blu/ Migration' in Mia…


Chrome File Edit View History Bookmarks Profiles Tab Window Help
100% Sun 5:42 PM
Tech Giant Intel Features Eric
cartanews.fiu.edu/architecture/tech-giant-intel-features-eric-goldembergs-3d-printed-musical-instruments-project/
Incognito (3)

CARTA News

News Story Requests
Website Requests

College of Communication, Architecture + The Arts

Paul L. Cejas School of Architecture Building
11200 SW 8th Street
Miami, Florida 33199
Modesto A. Maidique Campus

Connect

Contact
CARTA News

Explore FIU

About FIU
Admissions
Academics
Locations
Research
Student Life
Athletics
Alumni and Giving
Careers at FIU

Tools & Resources

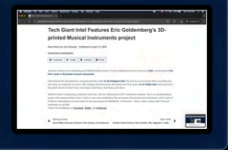
Phonebook (Directory)
University Calendar
Campus Maps
MyFIU
Canvas
Student Email
Faculty/Staff Email
System Status
Reserve Space
Nondiscrimination and Title IX
Report Discrimination or Harassment

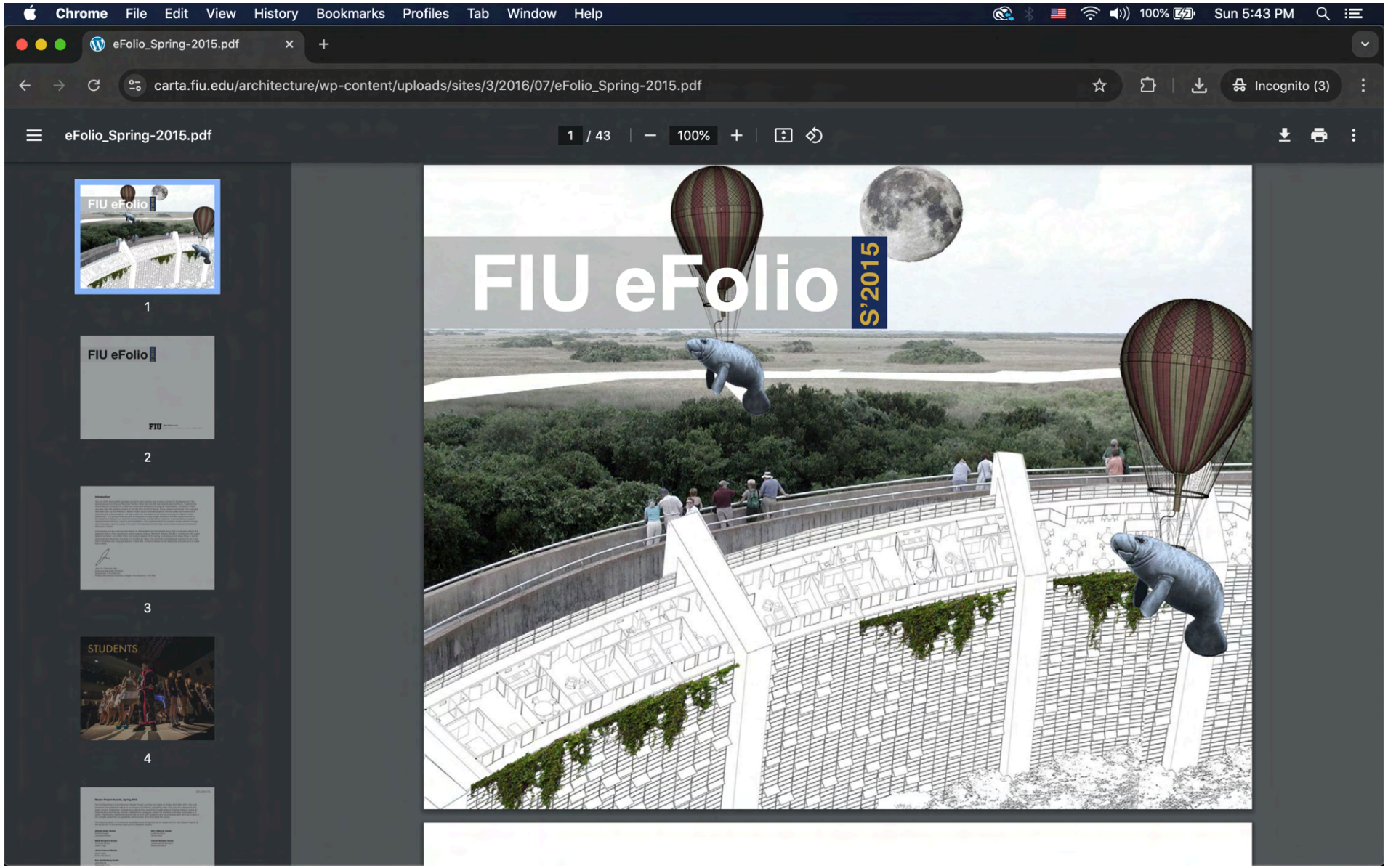
FIU | FLORIDA INTERNATIONAL UNIVERSITY

Connect

Contact FIU
FIU News

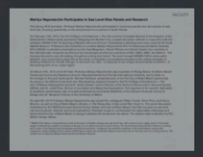
© 2024 - Florida International University. Website by CARTA's Creative Team | Website Feedback.




Chrome File Edit View History Bookmarks Profiles Tab Window Help
100% Sun 5:43 PM
eFolio_Spring-2015.pdf
carta.fiu.edu/architecture/wp-content/uploads/sites/3/2016/07/eFolio_Spring-2015.pdf
Incognito (3)
eFolio_Spring-2015.pdf
1 / 43
100%
FIU eFolio
S'2015
1
2
3
4
STUDENTS

24

25


26

27

28

Eric Goldemberg Featured Worldwide and at 3D Print Design Show for Integrating Architecture and Music

Associate Professor Eric Goldemberg and MONAD Studio partner Veronica Zalcberg have been featured on channels such as **BBC** and Discovery News for the firm's 3D-printed work. Their project was also exhibited at the Jacob K. Javits Convention Center in New York for the 3D Print Design Show.

The project includes five different instruments, all 3D-printed and mounted onto a "wall of sound" triptych made of CNC-milled, high-density foam panels that serve as an instrument rack, bandshell, and sonic device. Violin, cello, and guitar occupy the front of this free-standing spine, and the back holds two new, unprecedented wind instruments in the family of the coiling drone-pipes. BBC calls MONAD Studio's Piezoelectric Violin "one of the most radical musical instruments ever created." Discovery News says that the violin "looks like the future of music."

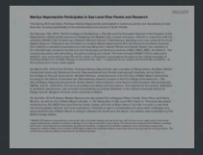
MONAD Studio is integrating architecture and music with the collaboration of seven FIU Architecture students. This has been a new interdisciplinary project with musician Scott F. Hall, with whom the firm created a sonic installation with music performances at the Javits Convention Center by I.M.Pei from April 16th-17th, 2015. This is part of Professor Goldemberg's research project for his upcoming book *FEEDBACK: Architecture + Music*, under contract with eVolo and distribution by ACTAR.

The students who particpated in this project were: Hex Ceballos, Stephanie Colon, Albert Elias, Jack Garcia, Stephany Guinan, Manuel Perez-Trujillo, and Zoe Russian.

As a result of this 3D-printed project, Goldemberg is lecturing internationally at locations such as Tokyo University and the city of Sendai in Japan. MONAD Studio continues to gain global attention.

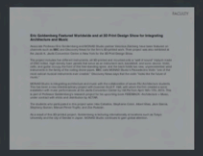
Chrome File Edit View History Bookmarks Profiles Tab Window Help 100% Sun 5:43 PM
eFolio_Spring-2015.pdf
carta.fiu.edu/architecture/wp-content/uploads/sites/3/2016/07/eFolio_Spring-2015.pdf
Incognito (3)
eFolio_Spring-2015.pdf 29 / 43 100%

25

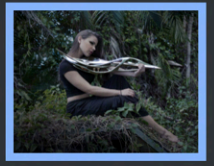


26

27



28

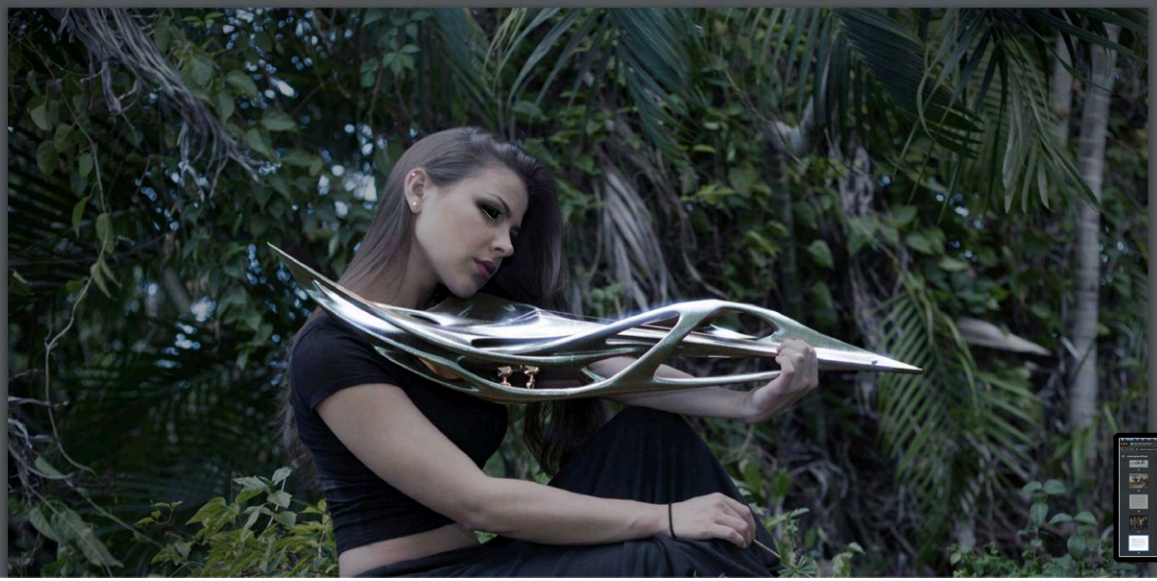


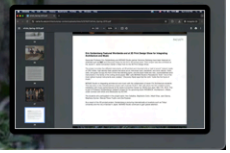
29

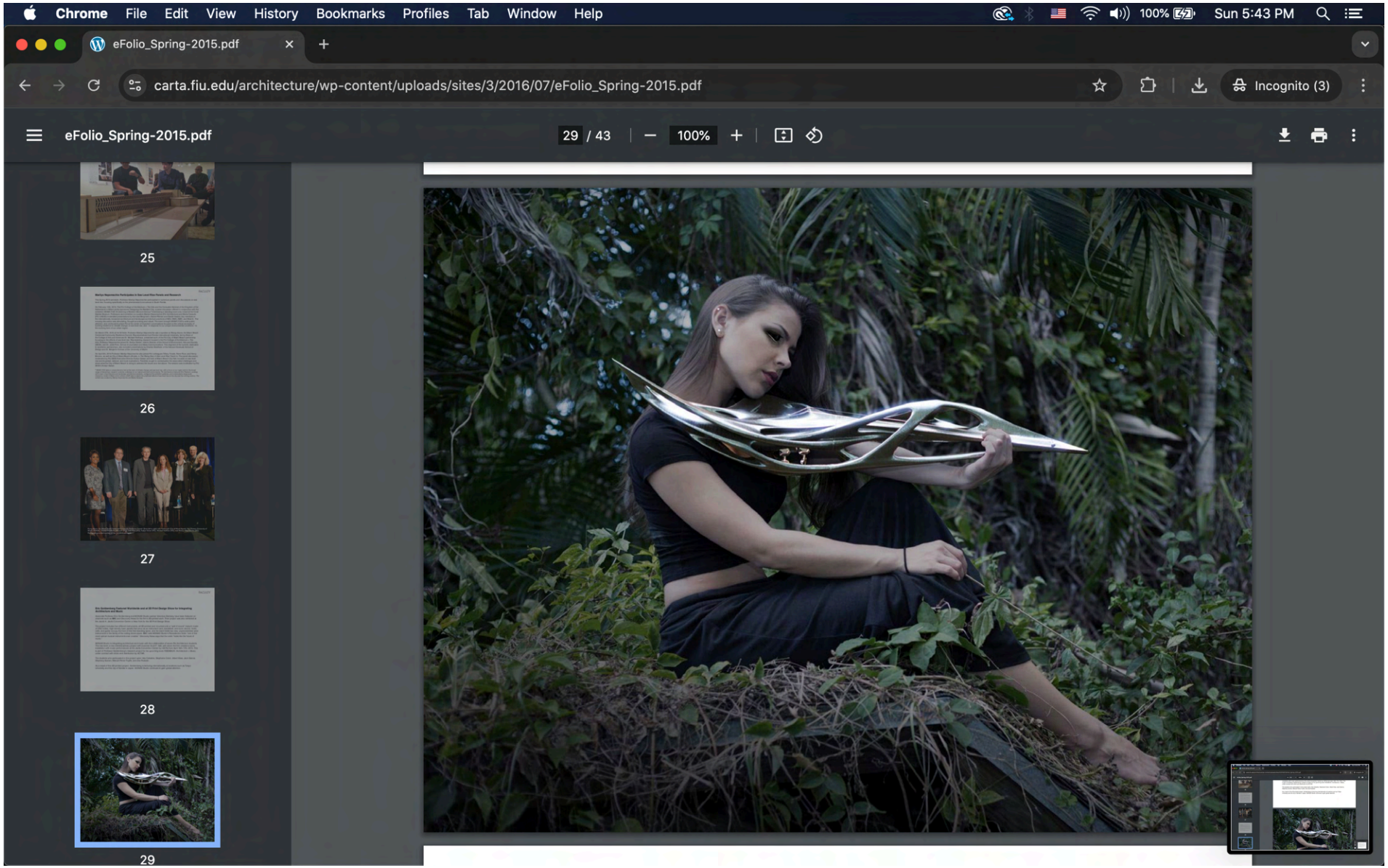
installation with music performances at the Javits Convention Center by I.M.Pei from April 16th-17th, 2015. This is part of Professor Goldemberg's research project for his upcoming book *FEEDBACK: Architecture + Music*, under contract with eVolo and distribution by ACTAR.

The students who particpated in this project were: Hex Ceballos, Stephanie Colon, Albert Elias, Jack Garcia, Stephany Guinan, Manuel Perez-Trujillo, and Zoe Russian.

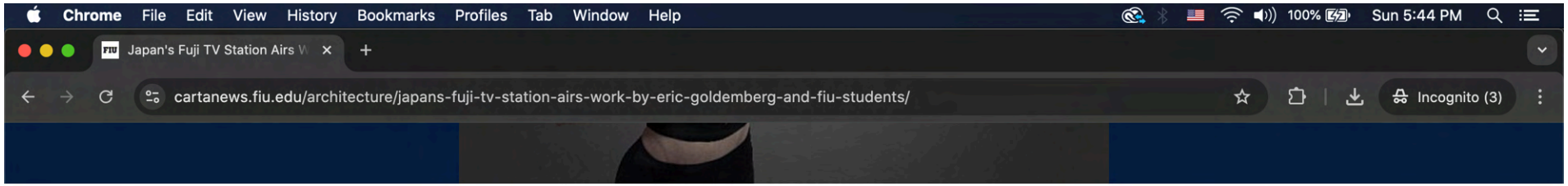
As a result of this 3D-printed project, Goldemberg is lecturing internationally at locations such as Tokyo University and the city of Sendai in Japan. MONAD Studio continues to gain global attention.






Chrome File Edit View History Bookmarks Profiles Tab Window Help
100% Sun 5:43 PM
eFolio_Spring-2015.pdf
carta.fiu.edu/architecture/wp-content/uploads/sites/3/2016/07/eFolio_Spring-2015.pdf
Incognito (3)
eFolio_Spring-2015.pdf
29 / 43
100%
25
26
27
28
29

Japan's Fuji TV Station Airs Work by Eric Goldemberg and FIU students


Chrome File Edit View History Bookmarks Profiles Tab Window Help
100% Sun 5:44 PM
Japan's Fuji TV Station Airs W
cartanews.fiu.edu/architecture/japans-fuji-tv-station-airs-work-by-eric-goldemberg-and-fiu-students/
Incognito (3)

Japan's Fuji TV Station Airs Work by Eric Goldemberg and FIU students

News Story by Juan Brizuela | **Published on February 26, 2015**

Department of Architecture

Facebook Twitter LinkedIn Email

On Friday, February 27th (Saturday morning, February 28th in Japan), Fuji TV will air the work of Associate Professor Eric Goldemberg and MONAD Studio partner Veronica Zalcberg.

The television station will feature projects by MONAD Studio and the work it is doing with FIU students for the Jacob K. Javits Convention Center in New York. At the Javits Center, MONAD Studio is integrating architecture and music with the collaboration of seven FIU Architecture students. This is a new interdisciplinary project with musician Scott F. Hall to create a sonic installation with music performances at the Javits Convention Center by I.M.Pei from April 16th-17th.

This is part of Professor Goldemberg's research project for his upcoming book *FEEDBACK: Architecture + Music,* under contract with eVolo and distribution by ACTAR.

MONAD Studio was founded by the College of Architecture + The Arts' Eric Goldemberg, Associate Professor, and Veronica Zalcberg, architect. MONAD Studio is a design research practice focused on spatial perception related to rhythmic affect, with explorations ranging from the scale of urban plans to buildings, and from landscape to installations and product design. MONAD Studio's designs highlight the

Chrome File Edit View History Bookmarks Profiles Tab Window Help 100% Sun 5:44 PM
Japan's Fuji TV Station Airs W
cartanews.fiu.edu/architecture/japans-fuji-tv-station-airs-work-by-eric-goldemberg-and-fiu-students/
Incognito (3)

This is part of Professor Goldemberg's research project for his upcoming book *FEEDBACK: Architecture + Music,* under contract with eVolo and distribution by ACTAR.

MONAD Studio was founded by the College of Architecture + The Arts' Eric Goldemberg, Associate Professor, and Veronica Zalcberg, architect. MONAD Studio is a design research practice focused on spatial perception related to rhythmic affect, with explorations ranging from the scale of urban plans to buildings, and from landscape to installations and product design. MONAD Studio's designs highlight the range and complexity of sensations involved in constructing rhythmic ensembles. The pulsating activity that results from intense computation gives idiosyncractic personality to the topologies of the designs, creating patterns that operate to transition the diverse scales of representation, reinvigorating the capacity of ornament to provide character and inducing moods and atmosphere through the modified, re-tuned lens of spatial perception and affective alliances. Such rhythmic activity of animate forms is translated to the architectural systems of MONAD Studio as "pulsation." Pulsation thrives on hyper-charged, syncopated rhythms and sensual drive. It operates via smooth aggregation of discrete, holistically articulated components and de-aggregation of volumes in a state of urban friction, unzipping seams and foraging into spatial crevices charged with rhythmic opportunities.

The work of MONAD Studio has been published in The New York Times, Architectural Record, World Architecture (China), 'Architecture in Formation' book, '[En]Coding Architecture' book, 'Architecture Xenoculture' book, 'Digital Diagram II' book, Conditions Magazine (Norway), i4Design (Chicago), Future Arquitecturas (Spain), Miami Herald, Florida InsideOut (Miami), Design Book Magazine (Miami), Summa+ (Argentina), Evolo Magazine (L.A.) among other architecture journals. MONAD Studio was one of the 5 finalists of the 2008 PS1-MoMA competition and the project was exhibited at the Museum of Modern Art (MoMA) in New York. MONAD's entry was also exhibited in New York at the PS-1 Contemporary Art Center – YAP 10th Anniversary show. (Source: **MONAD Studio**)

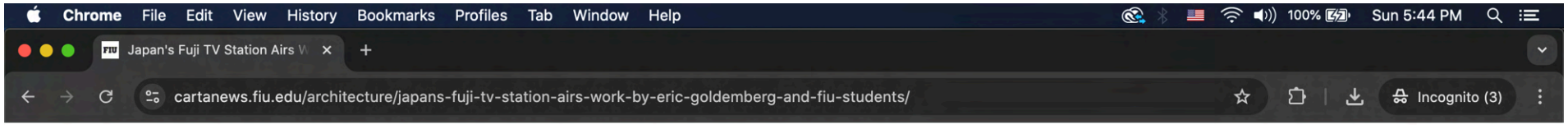
The header image is of a 2-string piezoelectric violin MONAD Studio is designing – one of 5 instruments for the sonic installation at the Javits Convention Center in New York.

Follow FIU Architecture on **Facebook**, **Twitter**, and **Instagram**.

faculty

PREVIOUS STORY
2015 FIU Architecture Scholarship Winners announced!

NEXT STORY
FIU's School of Architecture Joins Archinect!


Chrome File Edit View History Bookmarks Profiles Tab Window Help
100% Sun 5:44 PM
Japan's Fuji TV Station Airs
cartanews.fiu.edu/architecture/japans-fuji-tv-station-airs-work-by-eric-goldemberg-and-fiu-students/
Incognito (3)

CARTA News

News Story Requests
Website Requests

College of Communication, Architecture + The Arts

Paul L. Cejas School of Architecture Building
11200 SW 8th Street
Miami, Florida 33199
Modesto A. Maidique Campus

Connect

Contact
CARTA News

Explore FIU

About FIU
Admissions
Academics
Locations
Research
Student Life
Athletics
Alumni and Giving
Careers at FIU

Tools & Resources

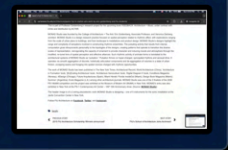
Phonebook (Directory)
University Calendar
Campus Maps
MyFIU
Canvas
Student Email
Faculty/Staff Email
System Status
Reserve Space
Nondiscrimination and Title IX
Report Discrimination or Harassment

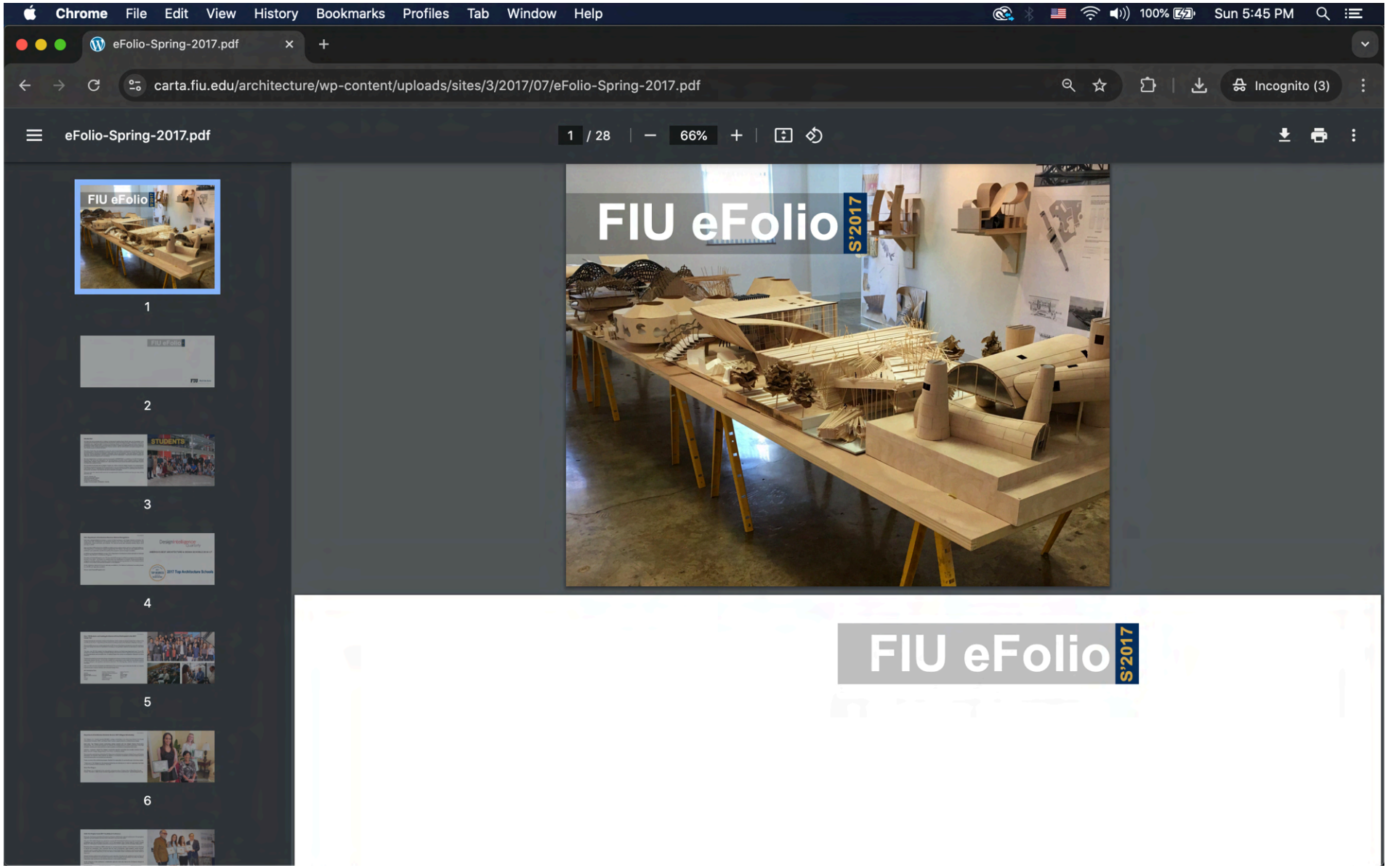
FIU | FLORIDA INTERNATIONAL UNIVERSITY

Connect

Contact FIU
FIU News

© 2024 - Florida International University. Website by CARTA's Creative Team | Website Feedback.

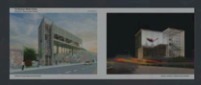



Chrome File Edit View History Bookmarks Profiles Tab Window Help
100% Sun 5:45 PM
eFolio-Spring-2017.pdf
carta.fiu.edu/architecture/wp-content/uploads/sites/3/2017/07/eFolio-Spring-2017.pdf
Incognito (3)
eFolio-Spring-2017.pdf
1 / 28
66%
FIU eFolio
S'2017
1
2
3
4
5
6
FIU eFolio
S'2017

Chrome File Edit View History Bookmarks Profiles Tab Window Help
100% Sun 5:45 PM
eFolio-Spring-2017.pdf
carta.fiu.edu/architecture/wp-content/uploads/sites/3/2017/07/eFolio-Spring-2017.pdf
Incognito (3)
eFolio-Spring-2017.pdf
Memory usage: 128 MB
19 / 28
66%

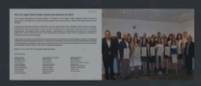
12

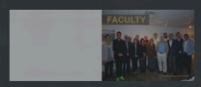
13


14

15

16


17


18

19

FACULTY

Eric Goldemberg Featured on Architectural Digest Publication

A technology that began in 1984, 3D printing has revolutionized the future of many industries including architecture, manufacturing and health care. With many recent advances and even recognition from the U.S. President, Barack Obama, 3D printing has become one of the most significant sources of technology in today's modern world.

Architectural Digest took account of its importance and rounded up the 8 most ingenious 3D printed objects to date. Amongst the objects selected by the International Design Authority & magazine was a project set forth by our very own, Associate Professor of Architecture, Eric Goldemberg and his studio.

Goldemberg's and Veronica Zalcberg's (MONAD Studio) 3D printed, Piezoelectric Violin was chosen as one of the most innovative and functional objects that combines music and technology. This highly acclaimed new music instrument was developed by MONAD Studio in collaboration with musician-luthier Scott F. Hall.

Below find a link to the publication, written by Adam Peterson on December 20, 2016.

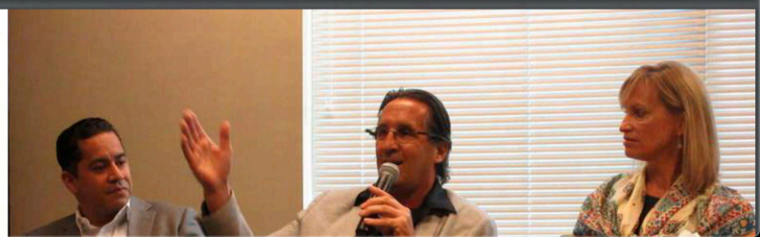
Source: http://www.architecturaldigest.com/gallery/most-ingenious-3-dprinted-objects-to-date

FACULTY

Thomas Spiegelhalter Presented Research at 'One Community, One Goal: Physical Infrastructor' Panel

Associate Professor and Co-Director of the CARTA's Structures and Environmental Technologies Lab (SET-Lab), Thomas Spiegelhalter was invited to participate in the Future of Physical Infrastructure Miami & Resilient Smart City Panel at the 'One Community One Goal Physical Infrastructure Access' breakfast conference at the Florida Blue offices in Miami, FL on April 13th, 2017. The conference served to inspire designing and building sustainable solutions statewide.

The panelists included George Burciaga, Director of CIVIQ Smartscapes from Chicago; Hardeep Anand, P.E. Deputy Director, Water-Sewer Department Miami Dade County; Julie Edwards, Chief Marketing Officer



Chrome File Edit View History Bookmarks Profiles Tab Window Help 100% Sun 5:46 PM
8 of the Most Ingenious 3-D
architecturaldigest.com/gallery/most-ingenious-3-dprinted-objects-to-date
Incognito (3)

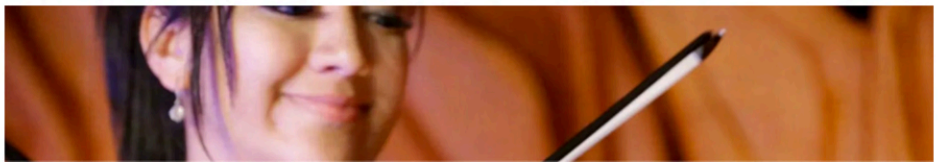
8 of the Most Ingenious 3-D–Printed Objects to Date

From cars to ears, recent advancements in 3-D printing have created some of the most daring products in history

By Adam Peterson

December 20, 2016

With its flexibility, speed, and ever-lowering cost, 3-D printing is the future of manufacturing. Ironically, though, the versatility of the technology itself can be a problem: When you have the ability to create essentially anything, taking full advantage of that potential is a bit daunting. But as more and more artists and designers embrace the technology, the results can be truly stunning. *Architectural Digest* explores some remarkable examples of 3-D printing, where even the most mundane item is reimagined as a functional piece of art.



the technology, the results can be truly stunning. *Architectural Digest* explores some remarkable examples of 3-D printing, where even the most mundane item is reimagined as a functional piece of art.

1/8

Monad Studio Two-String Piezoelectric Violin

Blurring the line between art and tech, Miami-based design firm Monad Studio conceived this sleek, futuristic 3-D–printed two-string violin in collaboration with artist-musician Scott F. Hall as part of a series for a sonic art installation. Despite its decidedly sculptural alien aesthetic, the instrument is, at its core, still a violin, though it eschews the traditional four strings for two, relying largely on the piezoelectric

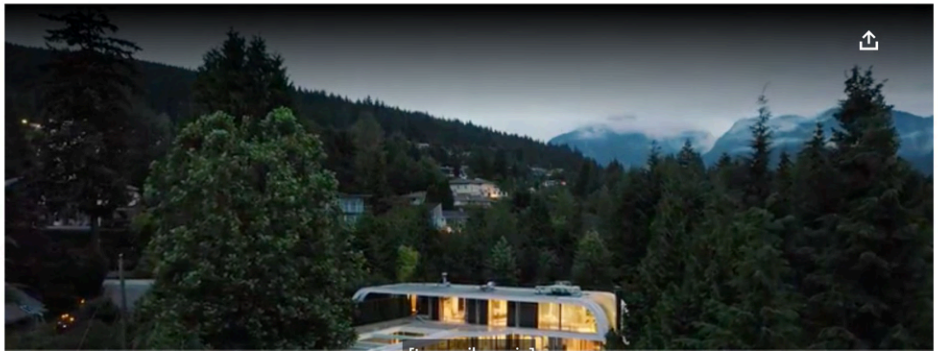
1/8

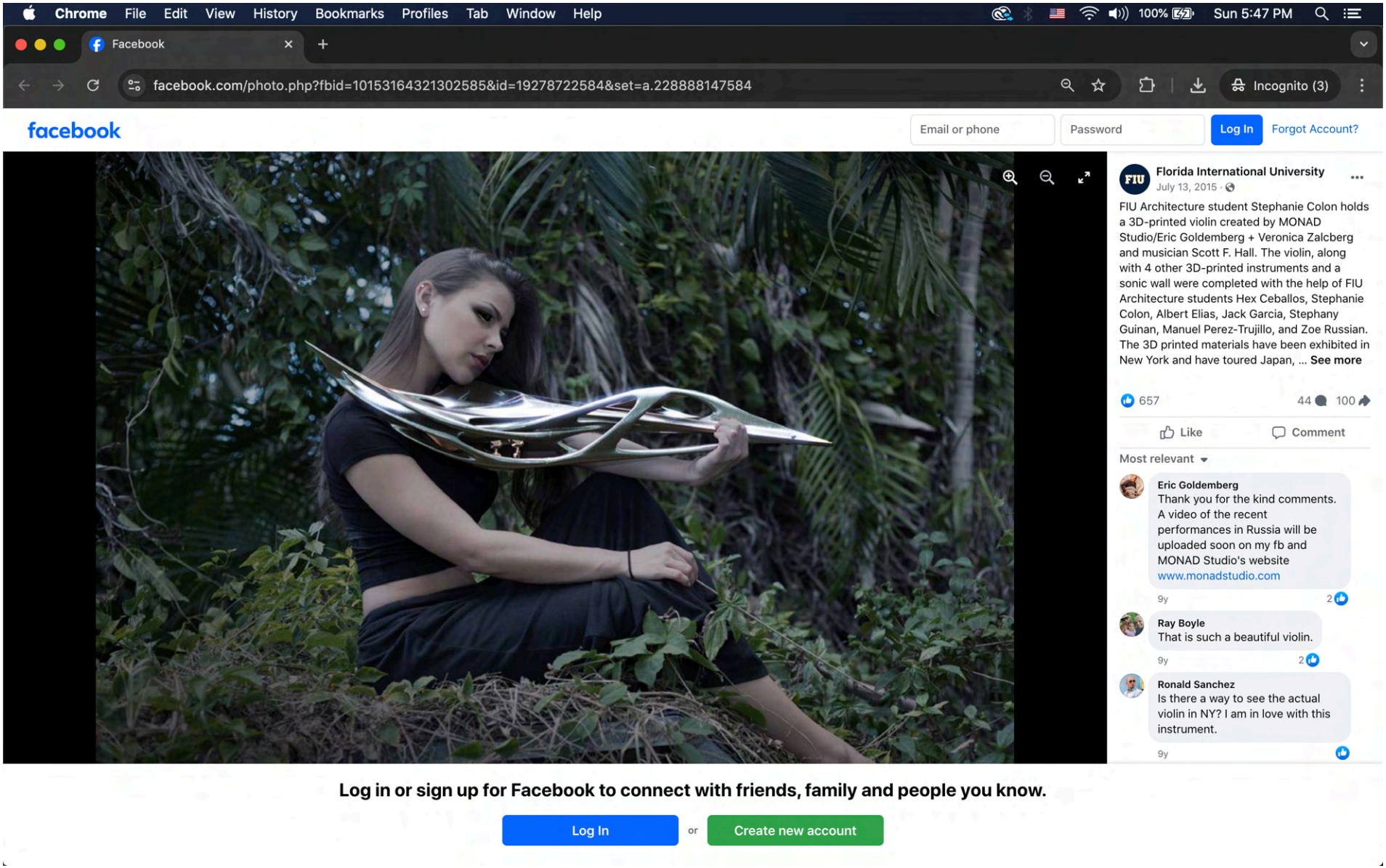
Monad Studio Two-String Piezoelectric Violin

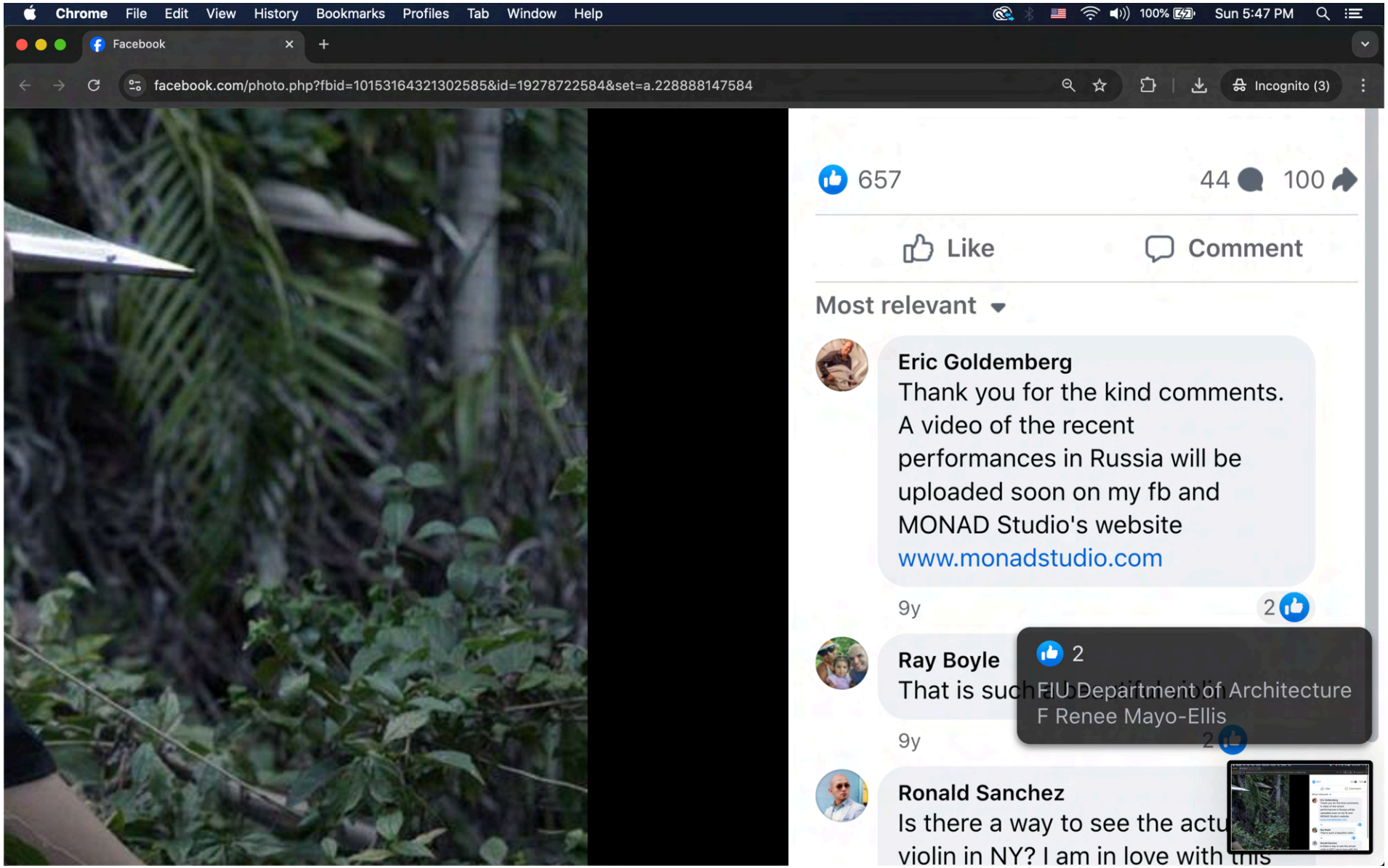
Blurring the line between art and tech, Miami-based design firm Monad Studio conceived this sleek, futuristic 3-D–printed two-string violin in collaboration with artist-musician Scott F. Hall as part of a series for a sonic art installation. Despite its decidedly sculptural alien aesthetic, the instrument is, at its core, still a violin, though it eschews the traditional four strings for two, relying largely on the piezoelectric effect to create its beautiful sound.

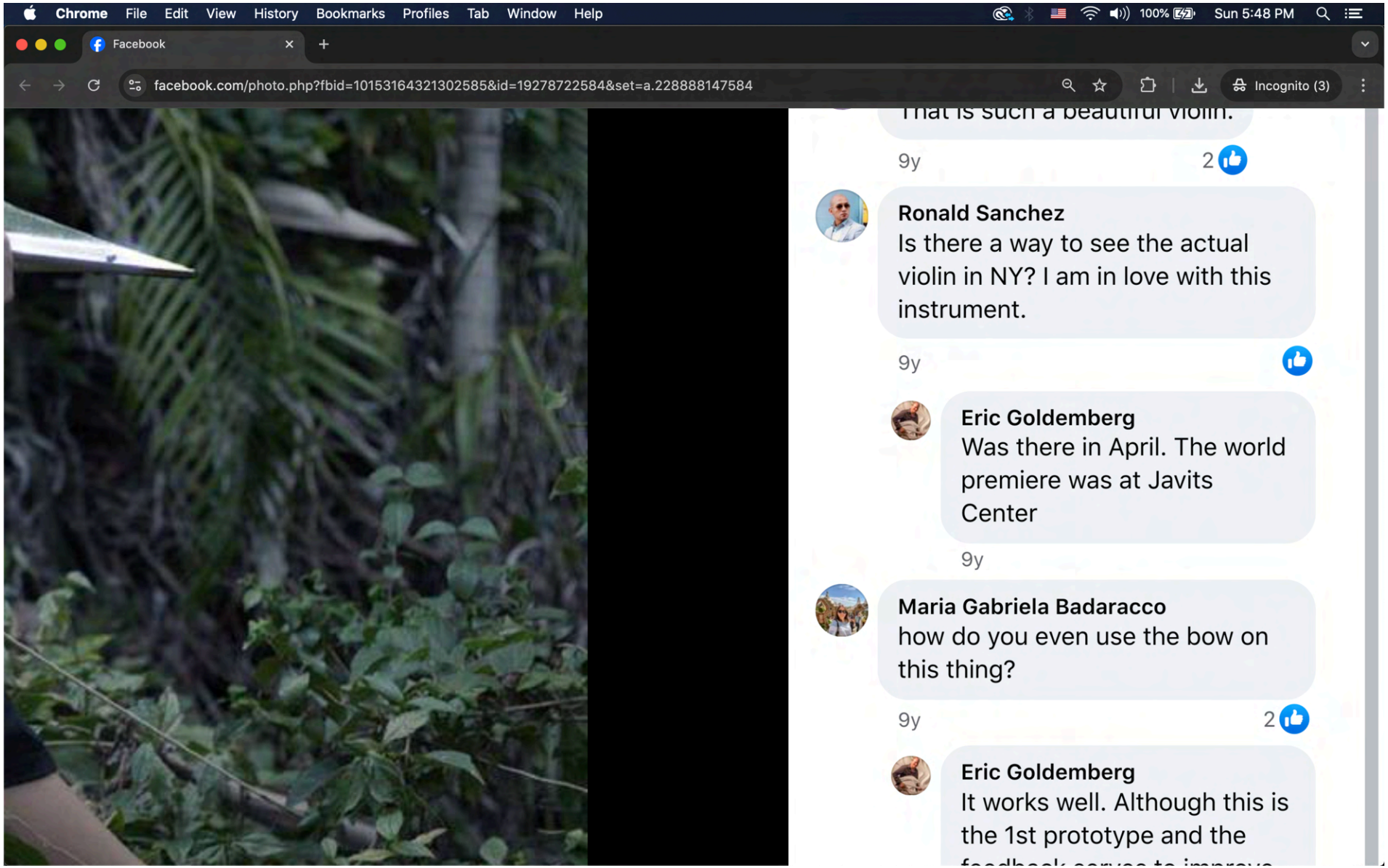
TRENDING VIDEO

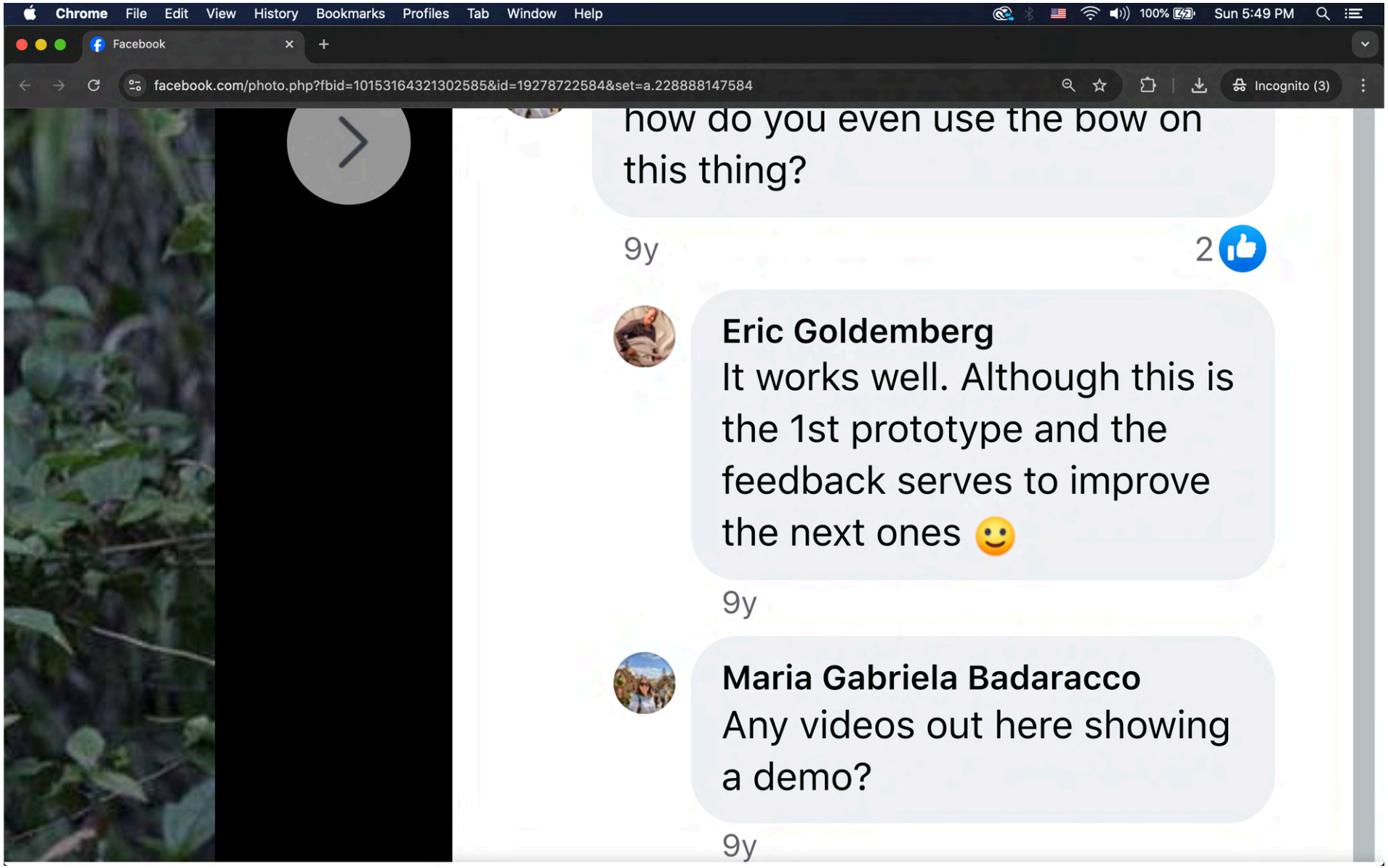
Inside a Legendary Modernist Home Designed to Flow Like a Waterfall

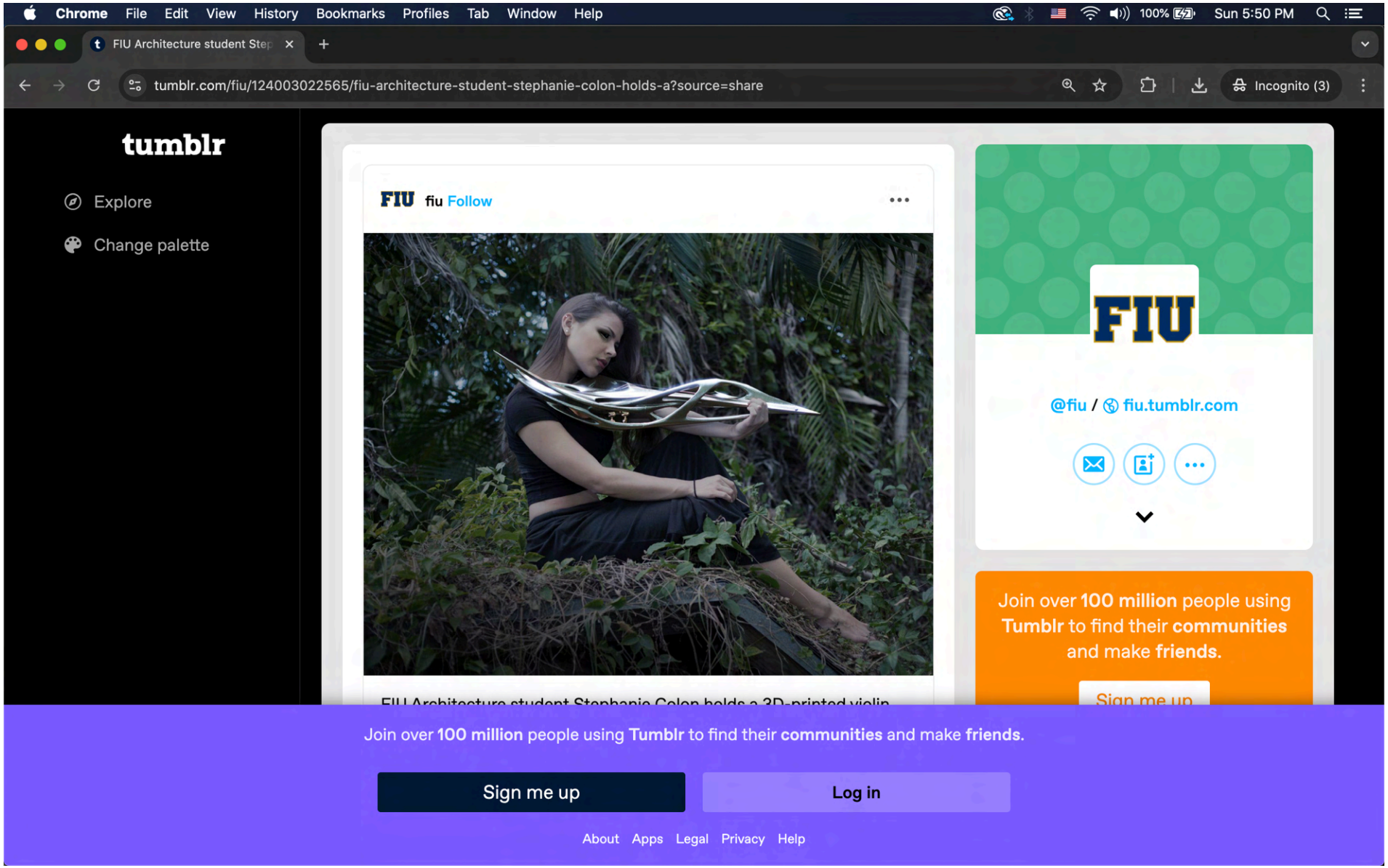


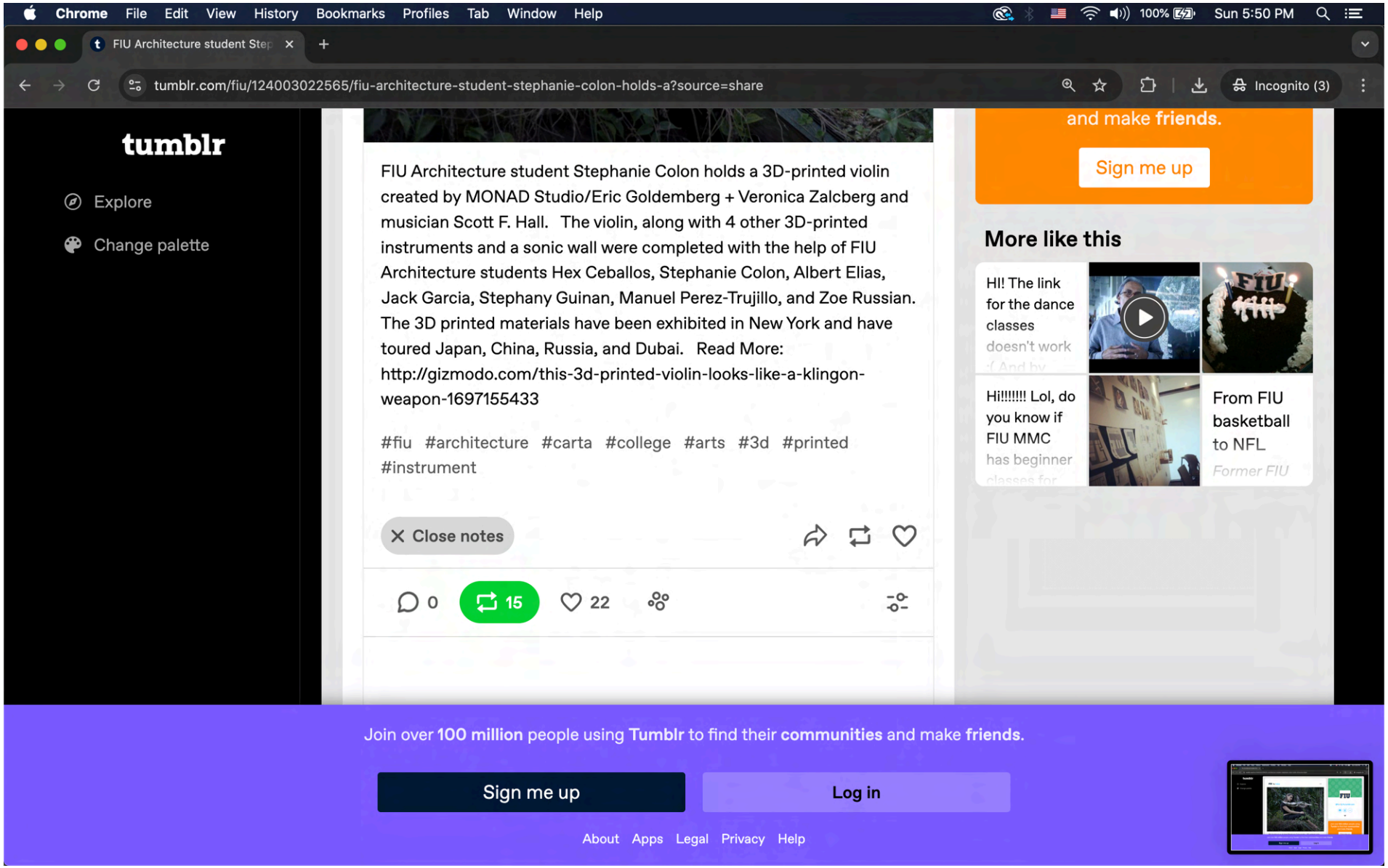

Chrome File Edit View History Bookmarks Profiles Tab Window Help
100% Sun 5:47 PM
Facebook
facebook.com/photo.php?fbid=10153164321302585&id=19278722584&set=a.228888147584
Incognito (3)
facebook
Email or phone
Password
Log In
Forgot Account?
Florida International University
July 13, 2015 ·
FIU Architecture student Stephanie Colon holds a 3D-printed violin created by MONAD Studio/Eric Goldemberg + Veronica Zalcberg and musician Scott F. Hall. The violin, along with 4 other 3D-printed instruments and a sonic wall were completed with the help of FIU Architecture students Hex Ceballos, Stephanie Colon, Albert Elias, Jack Garcia, Stephany Guinan, Manuel Perez-Trujillo, and Zoe Russian. The 3D printed materials have been exhibited in New York and have toured Japan, ... See more
657
44
100
Like
Comment
Most relevant
Eric Goldemberg
Thank you for the kind comments. A video of the recent performances in Russia will be uploaded soon on my fb and MONAD Studio's website www.monadstudio.com
9y
2
Ray Boyle
That is such a beautiful violin.
9y
2
Ronald Sanchez
Is there a way to see the actual violin in NY? I am in love with this instrument.
9y
Log in or sign up for Facebook to connect with friends, family and people you know.
Log In
or
Create new account


Chrome File Edit View History Bookmarks Profiles Tab Window Help
100% Sun 5:47 PM
Facebook
facebook.com/photo.php?fbid=10153164321302585&id=19278722584&set=a.228888147584
Incognito (3)
657
44
100
Like
Comment
Most relevant
Eric Goldemberg
Thank you for the kind comments. A video of the recent performances in Russia will be uploaded soon on my fb and MONAD Studio's website www.monadstudio.com
9y
2
Ray Boyle
That is such
9y
2
FIU Department of Architecture
F Renee Mayo-Ellis
Ronald Sanchez
Is there a way to see the actu
violin in NY? I am in love with this


Chrome File Edit View History Bookmarks Profiles Tab Window Help
100% Sun 5:48 PM
Facebook
facebook.com/photo.php?fbid=10153164321302585&id=19278722584&set=a.228888147584
Incognito (3)
That is such a beautiful violin.
9y
2
Ronald Sanchez
Is there a way to see the actual violin in NY? I am in love with this instrument.
9y
Eric Goldemberg
Was there in April. The world premiere was at Javits Center
9y
Maria Gabriela Badaracco
how do you even use the bow on this thing?
9y
2
Eric Goldemberg
It works well. Although this is the 1st prototype and the


Chrome File Edit View History Bookmarks Profiles Tab Window Help
100% Sun 5:49 PM
Facebook
facebook.com/photo.php?fbid=10153164321302585&id=19278722584&set=a.228888147584
Incognito (3)
how do you even use the bow on this thing?
9y
2
Eric Goldemberg
It works well. Although this is the 1st prototype and the feedback serves to improve the next ones
9y
Maria Gabriela Badaracco
Any videos out here showing a demo?
9y


Chrome File Edit View History Bookmarks Profiles Tab Window Help
100% Sun 5:50 PM
FIU Architecture student Ste
tumblr.com/fiu/124003022565/fiu-architecture-student-stephanie-colon-holds-a?source=share
Incognito (3)
tumblr
Explore
Change palette
FIU fiu Follow
@fiu / fiu.tumblr.com
Join over 100 million people using Tumblr to find their communities and make friends.
Sign me up
Join over 100 million people using Tumblr to find their communities and make friends.
Sign me up
Log in
About Apps Legal Privacy Help


Chrome File Edit View History Bookmarks Profiles Tab Window Help
Sun 5:50 PM
FIU Architecture student Ste
tumblr.com/fiu/124003022565/fiu-architecture-student-stephanie-colon-holds-a?source=share
Incognito (3)
tumblr
Explore
Change palette
FIU Architecture student Stephanie Colon holds a 3D-printed violin created by MONAD Studio/Eric Goldemberg + Veronica Zalcberg and musician Scott F. Hall. The violin, along with 4 other 3D-printed instruments and a sonic wall were completed with the help of FIU Architecture students Hex Ceballos, Stephanie Colon, Albert Elias, Jack Garcia, Stephany Guinan, Manuel Perez-Trujillo, and Zoe Russian. The 3D printed materials have been exhibited in New York and have toured Japan, China, Russia, and Dubai. Read More: http://gizmodo.com/this-3d-printed-violin-looks-like-a-klingon-weapon-1697155433
#fiu #architecture #carta #college #arts #3d #printed #instrument
Close notes
0
15
22
and make friends.
Sign me up
More like this
HI! The link for the dance classes doesn't work
Hi!!!!!!! Lol, do you know if FIU MMC has beginner
From FIU basketball to NFL
Former FIU
Join over 100 million people using Tumblr to find their communities and make friends.
Sign me up
Log in
About Apps Legal Privacy Help

Chrome File Edit View History Bookmarks Profiles Tab Window Help 100% Sun 5:53 PM

Musical Instruments Turned I

panthernow.com/2020/03/06/musical-instruments-turned-into-forms-of-futuristic-artworks-with-fiu-architecture-professor/

Incognito (3)

PantherNOW

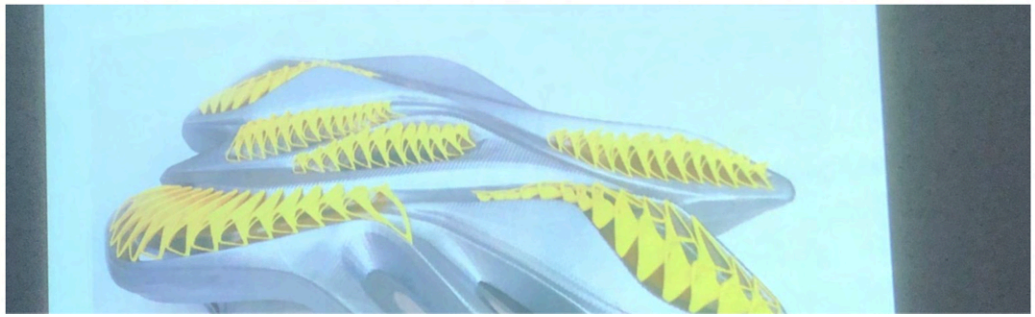
THE ROAR | NEWS | OPINION | SPORTS | ARTS & ENTERTAINMENT | CARTOONS | APPLY | ABOUT US | ADVERTISE WITH US!

SEARCH ...

HOME | ENTERTAINMENT | ART

Musical Instruments Turned Into Forms of Futuristic Artworks with FIU Architecture Professor

TOPICS: Eric Goldemberg FIU School Of Architecture Mixtape Monday Patricia & Phillip Frost Art Museum



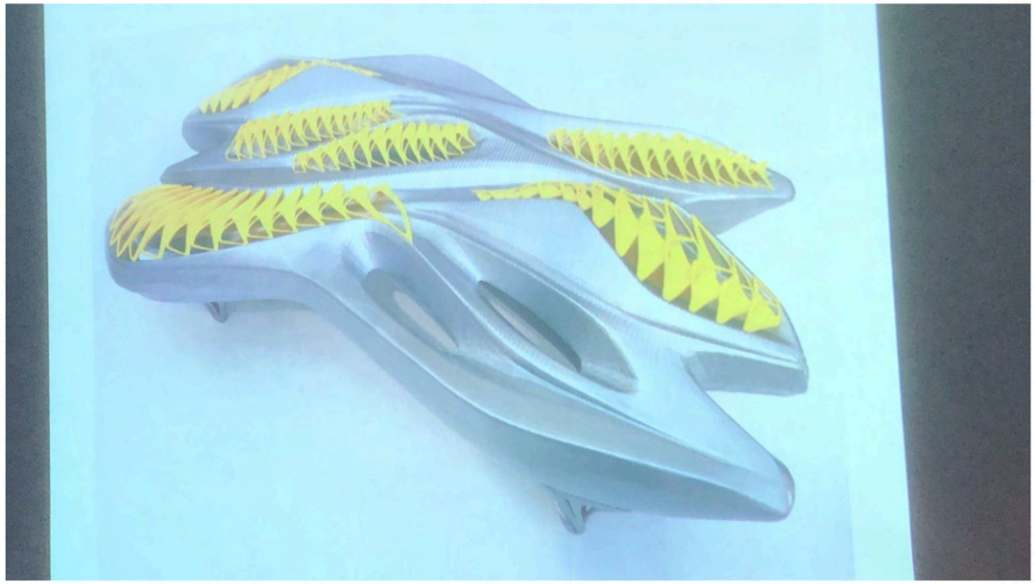
TWITTER

Posts from @_PantherNOW Follow

Nothing to see here - yet

When they post, their posts will show up here.

Chrome File Edit View History Bookmarks Profiles Tab Window Help 100% Sun 5:53 PM
Musical Instruments Turned I
panthernow.com/2020/03/06/musical-instruments-turned-into-forms-of-futuristic-artworks-with-fiu-architecture-professor/
Incognito (3)



Eric Goldemberg spoke at a Mixtape Monday event at the Frost Art Museum about turning musical instruments, like xylophones (pictured) in 3D printed works of art. Valenti Govantes/PantherNOW

POSTED BY: ANNA RADINSKY MARCH 6, 2020

Valenti Govantes/Contributing Writer

Eric Goldemberg is known for turning musical instruments in 3D printed works of art, along with intersecting architecture with augmented bodies.

He spoke at the March Mixtape Monday event, a Patricia & Phillip Frost Art Museum event that presents ideas from FIU faculty across disciplines using the museum's collection.

Goldemberg is an Associate Professor in FIU's Department of Architecture.

Many of the structures that he has created focus on two concepts: rhythms and the human form.

Nothing to see here - yet

When they post, their posts will show up here.

View on X

Many of the structures that he has created focus on two concepts: rhythms and the human form.

The structures that he has created have been featured internationally in countries such as Italy, Spain and Argentina. He has also collaborated on his projects with noted musicians such as Björk for a piezoelectric violin.

He has also written a book about his architectural techniques named "Pulsation in Architecture."

Goldemberg began the discussion at the event by describing one of his projects for a recording arts center that was made using 3D printers and computer programs.

As he discussed this project, he emphasized the need to maintain a structural rhythm when conceptualizing and creating complex structures digitally.

"When we were working on the project, we began to focus on ideas of rhythm and human perception and how they can be addressed through digital textures," said Goldemberg.

Images of the completed project that he worked on in his studio, "MONAD Studio," were then displayed.

Goldemberg then proceeded to discuss several of his projects that focused on the incorporation of musical elements.

An example of this was a guitar he designed as part of a mural that had only one string but can still be played efficiently as demonstrated in a video that was shown.

"I do not have any capacity to play instruments, but this also motivates me to make them because I really love music, especially rock music," said Goldemberg.

Lastly, Goldemberg discussed current projects that are in development such as a piano named "EXO" with the soundboard being developed in collaboration with a company named Blüthner.

"The piano is designed to be as transparent as possible to reveal the mechanisms of the instrument and ultimately be an exoskeleton to support said mechanisms," said Goldemberg.

Chrome File Edit View History Bookmarks Profiles Tab Window Help 100% Sun 5:53 PM
Musical Instruments Turned I
panthernow.com/2020/03/06/musical-instruments-turned-into-forms-of-futuristic-artworks-with-fiu-architecture-professor/
Incognito (3)

with the soundboard being developed in collaboration with a company named Blüthner.

“The piano is designed to be as transparent as possible to reveal the mechanisms of the instrument and ultimately be an exoskeleton to support said mechanisms,” said Goldemberg.

Additionally, he is also currently conceptualizing a structure that will be displayed in Lincoln Road, Miami Beach known as the “Wolfsonian Museum Pavilion.”

Although elements of the music form are present in his structures, it does not directly influence them.

“There is not a direct relation. Music influences in a spiritual way but there isn’t something directly, when thinking of the structure, that relates to elements of it,” said Goldemberg.

Despite this, Goldemberg stated that in projects that involve the collaboration of a musician the music form influences the final product.

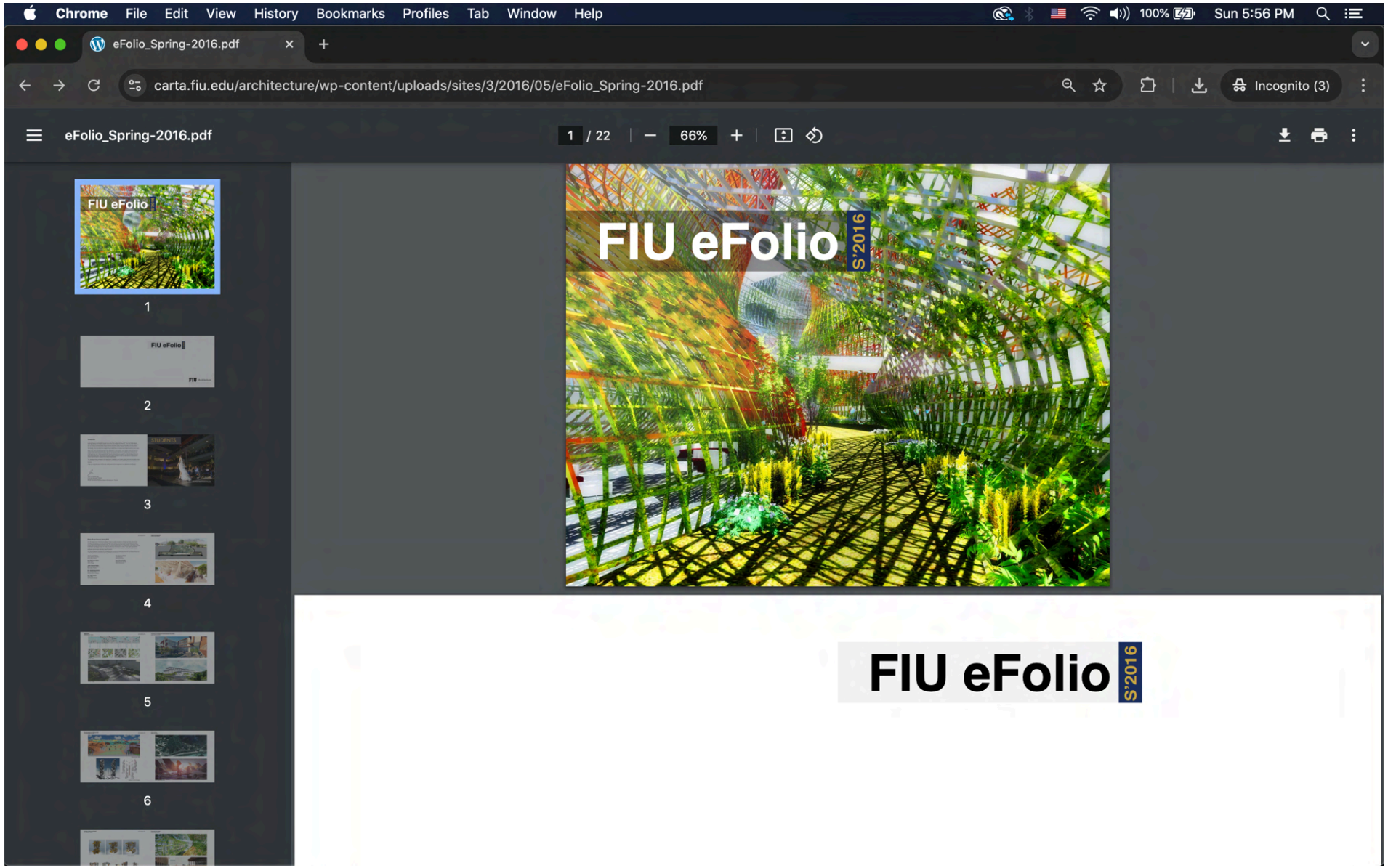
“When we work with the composers in projects such as one I have developed for inside the FIU Jewish Museum, then music does influence the project in ways such as in the organization of the components in the project,” said Goldemberg.

Mixtape Mondays at the Frost Art Museum are held on the first Monday of the month during the Fall and Spring Semesters.

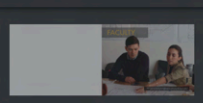
About Post Author

Anna Radinsky
Subscriber

See author's posts


Chrome File Edit View History Bookmarks Profiles Tab Window Help
100% Sun 5:56 PM
eFolio_Spring-2016.pdf
carta.fiu.edu/architecture/wp-content/uploads/sites/3/2016/05/eFolio_Spring-2016.pdf
Incognito (3)
eFolio_Spring-2016.pdf
1 / 22
66%
FIU eFolio
S'2016
1
2
3
4
5
6
FIU eFolio
S'2016

Chrome File Edit View History Bookmarks Profiles Tab Window Help 100% Sun 5:56 PM
eFolio_Spring-2016.pdf
carta.fiu.edu/architecture/wp-content/uploads/sites/3/2016/05/eFolio_Spring-2016.pdf
Incognito (3)
eFolio_Spring-2016.pdf 20 / 22 66%


16

17

18

19

20

21

22

in the Latin American examples, each expanded upon its precedents through the incorporation of local nuances and the clear intent to forge a strong South American identity. Two examples among many are the Conjunto Habitacional Soldati (Estudio STAFF / Teresa Bielus, Jorge Goldemberg, Olga Wainstein-Krasuk in Buenos Aires) and the Pedregulho and Gavea complexes (Alfonso Reidy in Rio de Janeiro).

Exhibition materials formed the backdrop and context for a symposium, which was held on February 20th 2016, at the FIU College of Architecture + The Arts | Miami Beach Urban Studios.

Associate Professor Thomas Spiegelhalter Presents Climate Responsive, Carbon-Neutral Architecture Projects at Formedil I-TOWN Conference in Taranto, Italy

Associate Professor Thomas Spiegelhalter was sponsored and invited by the nationally-known Formedil & GARANZIA GIOVANI as part of the BUILD UP SKILLS I-TOWN Conference, which took place at the Polytechnic University in Taranto and Bari, Italy from November 25th to 27th, 2015. The conference was co-funded by the Intelligent Energy Europe Programme and the Puglia Region.

Spiegelhalter kicked off the panel and presented and discussed his numerous built, awarded, and widely published net-zero energy and carbon neutral building typologies and infrastructural planning projects. He also presented parametric protocols, post-occupancy measuring, and performance benchmarking processes.

The presentations that followed Spiegelhalter's were given by Dr. Erminio Radaelli on bioarchitettura, Professor Costa Erminia Amabile from Politecnico di Milano on ecologica, and Dr. Carapella Giovanni, Direttore del Formedil Nazionale from Rome on conservation and sustainability.

The I-TOWN project – Italian Workforce Training Qualification in Building – promoted under the community program BUILD UP SKILLS Pillar II, is scheduled to run from January 2014 to August 2017. It aims to create and update training programs and foster the achievement of the EU's energy saving and environmental protection targets.

Other partners of I-TOWN include Polytechnical University in Turin, Energy Agencies of Livorno, Liguria, Cosenza and Chieti, and the University of Naples, Federico II. I-TOWN is co-funded by the Intelligent Energy Europe Programme of the European Union.

For his presentation at the BUILD UP SKILLS I-TOWN Conference, Spiegelhalter was mentioned on Terra Ionica D'Europa.

Neil Leach is Elected to Academia Europaea

FIU Architecture Visiting Professor Neil Leach was elected to the Academia Europaea, Europe's most distinguished scholarly academy that boasts over 50 Nobel laureates among its members. Professor Leach is one of only two architects to have been elected to the academy.

The Academia Europaea is a functioning European Academy of Humanities, Letters and Sciences, composed of individual members. Membership is by invitation, and invitations are made only after peer group nomination, scrutiny and confirmation as to the scholarship and eminence of the individual in their chosen field. Election is confirmed by the Council of the Academia. Members are drawn from across the whole European continent. Members also include European scholars who are resident in other regions of the world. Current membership stands at around 2,800. Amongst them are fifty-two Nobel Laureates, several of whom were elected to the Academia before they received the prize. (Source: www.ae-info.org)

Tech Giant Intel Features Eric Goldemberg's 3D-printed Musical Instruments Project

Associate Professor Eric Goldemberg and MONAD Studio partner Veronica Zalcberg were featured on Intel's social media for the firm's work in 3D-printed musical instruments.

Intel featured the 3D-printed two-string piezoelectric violin on its Instagram feed. The post received more than 5,000 likes and more than 40 comments by viewers. The company also featured the 3D-printed travel bass guitar on its Twitter feed, which garnered the global retweet by Intel France, Intel Spain, Intel Suisse, Intel Kenya and others.

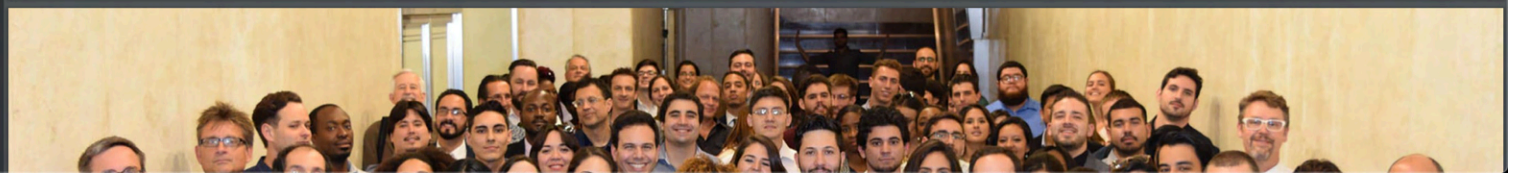
MONAD Studio is integrating architecture and music with the collaboration of FIU Architecture students. This is an interdisciplinary project with musician-luthier Scott F. Hall to create sonic installations that incorporate 3D printed music instruments, and it is part of Professor Goldemberg's research project for his upcoming book *FEEDBACK: Architecture + Music*, under contract with eVolo and distribution by ACTAR.

Malik Benjamin Submits IoCI Projects as Finalists for Knight Cities Challenge

Instructor Malik Benjamin submitted two projects on behalf of IoCI that are now finalists in the Knight Cities Challenge.

The Knight Cities Challenge seeks new ideas from innovators who will take hold of the future of our cities. The challenge is designed to help spur civic innovation at the city, neighborhood, and block levels, and all sizes in between. In particular, the challenge hopes to generate ideas that focus on one or all of three key drivers of city success: attracting talented people, expanding economic opportunity and creating a culture of civic engagement. The challenge invited applicants from anywhere to tell of their ideas for making the 26 Knight communities more vibrant places to live and work. (Source: knightcities.org)

Benjamin submitted "DomiNest" by IoCI. This project seeks to transform Miami's iconic "Domino Park" to bring people from diverse backgrounds and ages together for a game of dominos. He also submitted "ONTourism" by IoCI, which aims to create an Office of Nerd Tourism to provide information and activities for people interested in learning while traveling in Knight communities."



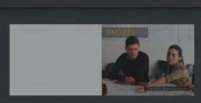
Chrome File Edit View History Bookmarks Profiles Tab Window Help 100% Sun 5:56 PM

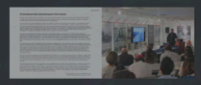
eFolio_Spring-2016.pdf

carta.fiu.edu/architecture/wp-content/uploads/sites/3/2016/05/eFolio_Spring-2016.pdf

Incognito (3)

eFolio_Spring-2016.pdf 20 / 22 155%


16


17

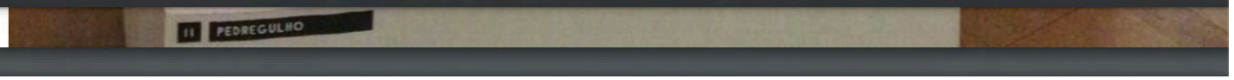
18

19

20

21

22



FACULTY FACULTY

ed to
cholarly

o have

demy
dual
e made
ion as
chosen
nia.
ntinent.
ent
s at
es,
ey

Tech Giant Intel Features Eric Goldemberg's 3D-printed Musical Instruments Project

Associate Professor Eric Goldemberg and MONAD Studio partner Veronica Zalcberg were featured on Intel's social media for the firm's work in 3D-printed musical instruments.

Intel featured the 3D-printed two-string piezoelectric violin on its Instagram feed. The post received more than 5,000 likes and more than 40 comments by viewers. The company also featured the 3D-printed travel bass guitar on its Twitter feed, which garnered the global retweet by Intel France, Intel Spain, Intel Suisse, Intel Kenya and others.

MONAD Studio is integrating architecture and music with the collaboration of FIU Architecture students. This is an interdisciplinary project with musician-luthier Scott F. Hall to create sonic installations that incorporate 3D printed music instruments, and it is part of Professor Goldemberg's research project for his upcoming book *FEEDBACK: Architecture + Music*, under contract with eVolo and distribution by ACTAR.

Malik Benjamin Submits IoC Knight Cities Challenge

Instructor Malik Benjamin subm
IoCI that are now finalists in the

The Knight Cities Challenge se
who will take hold of the future
designed to help spur civic inn
and block levels, and all sizes i
challenge hopes to generate id
three key drivers of city succes
expanding economic opportuni
engagement. The challenge inv
to tell of their ideas for making t
vibrant places to live and work.

Benjamin submitted "DomiNest
transform Miami's iconic "Domi
diverse backgrounds and ages
He also submitted "ONTourism
an Office of Nerd Tourism to pr
for people interested in learning
communities."